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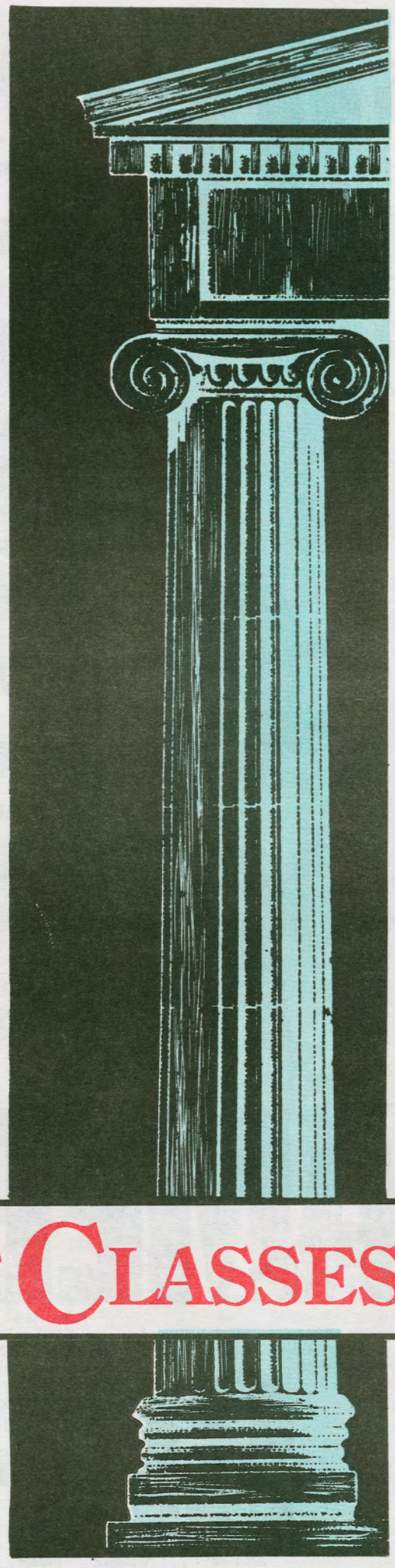
Early Registration

UNIVERSITY OF MARYLAND



FALL 1993

SCHEDULE OF CLASSES

FIRST EDITION

COLLEGE PARK

THE OFFICIAL
UNIVERSITY OF MARYLAND
BOOKSTORE

UNIVERSITY BOOK CENTER

314-BOOK

Lower Level — Stamp Union

Printed on recycled paper

WHETHER YOU'RE AN "A" STUDENT OR A

"D" STUDENT

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OPENS

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CHECKING

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ACCOUNT.

AND EVEN IF YOU DON'T KNOW THERE WAS A COLOSSUS

NAMED RHODES

WHEN IT COMES TO CASH FLOW, YOU'LL BE QUITE A

SCHOLAR.

BRING THIS COUPON TO CITIZENS BANK IN STAMP UNION AND MAKE THE GRADE.

A *free checking offer can be yours.*

B *smart. And do it right away.*

C *about opening a Terrapin Checking account and we'll waive the first month's service charge.*

D *ecide soon because the offer won't last forever.*

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Suddenly, you'll find you're in control of your life. Now when your landlord pounds on the door, you won't panic. You'll write him a check. You'll start to relax. Your grades will improve. Life will be beautiful.

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Greenbelt
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301/345-2053
301/345-2054 TDD

$20.20 FASHION COUPON
off on a complete pair of fashion eyewear or contact lenses
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Beverly B. Miller, O.D.
Charles R. Mund, O.D.
Valerie B. Seligson, O.D.

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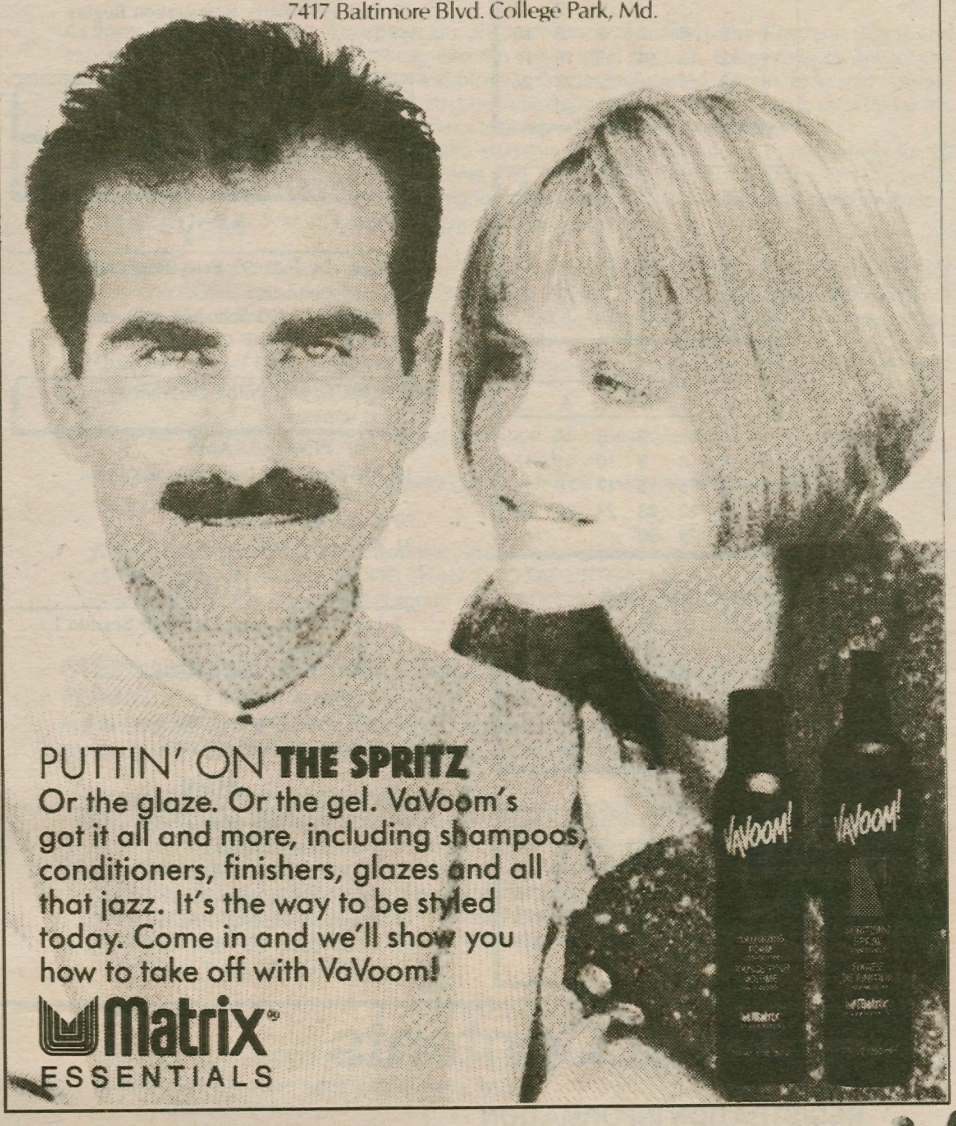

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Or the glaze. Or the gel. VaVoom's got it all and more, including shampoos, conditioners, finishers, glazes and all that jazz. It's the way to be styled today. Come in and we'll show you how to take off with VaVoom!

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474-3003

Home of the "REAL" New York Pizzia - A New Maryland Tradition - Open 7 Days

APPETIZERS

	Sm.	Lg.
Mozzarella Sticks	3.20	6.10
Fried Zucchini	3.20	6.10
Garlic Bread w/Cheese	1.60	2.75
Steak Fries	1.25	2.45
Steak Fries w/Cheese	1.65	2.95
Onion Rings	1.95	2.95
Soup-Minestrone/Chicken Noodle		2.05

SIDE DISHES

Spaghetti-Tomato Sauce	2.25
Ziti - Tomato Sauce	2.25
Meatballs or Sausage	2.75
Broccoli or Spinach	2.50

Sauteed in Garlic & Oil

PIZZA

18" Oversized Pizza	8.50
12" Pizza	6.50
Sicilian Pan Pizza, 12 x 18"	9.75
18" Oversized White Pizza	11.50
12" White Pizza	8.85

Lots of Mozzarella with spotted Ricotta Cheese, Grated Romano Cheese, and a whisper of garlic oil

Marinara Pizza, 12" x 18"	12.25

Sicilian Pizza topped with fresh tomatoes, fresh garlic, fresh basil, and imported spices

With Mozzarella	15.25

TOPPINGS

Sausage, Green Peppers, Broccoli, Extra Cheese, Pepperoni, Onion, Pineapple, Garlic, Meatball, Mushrooms, Black Olives, Anchovy, Ham Spinach, Jalepeño, Sliced Tomatoes

CALZONE

Calzone	3.75

Fresh dough filled with Ricotta Cheese, Mozzarella Cheese, and any one filling from the topping list

with sauce	4.25
each additional topping	.75
Veal Calzone	5.75
Chicken Calzone	5.75
Eggplant Calzone	5.50

STROMBOLLI

Meat Strombolli	5.85

Fresh dough filled with a hearty helping of sausage, pepperoni, ham, sauce and mozzarella cheese.

Vegetarian Strombolli	5.85

Fresh dough filled with a hearty helping of onion, green pepper,broccoli, mushroom and mozzarella cheese.

FROM THE GRILL

(Served on Kaiser Roll)

Grilled Chicken	3.75
Teriyaki Grilled Chicken	3.80
B.B.Q. Grilled Chicken	3.80

We use only boneless, skinless breast of chicken

Pizza Burger	5.45
Hamburger	3.95
Cheeseburger	4.50
Swiss Burger	5.40

with or without mushrooms (please specify)
All burgers are 6oz. of fresh ground beef

PASTA

Spaghetti, Ziti or Rigatoni	
with tomato sauce	4.25
with marinara sauce	4.99
with meat sauce	5.25
with meatballs or sausage	

BAKED PASTA

	Sm.	Lg.
Baked Ziti	3.45	5.75

with or without meat (please specify)

Lasagna with meat	3.55	5.85
Cheese Ravioli		5.75
Manicotti		5.75
Rigatoni Alario's		5.85
Spinach Cannelloni		5.95

DINNER

Dinners served on a bed of Regular or Angel-Hair spaghetti. Includes fresh bread. Dinners are prepared to order. Please allow time for cooking.

Eggplant Parmigiana	6.69
Chicken Cutlet Parmigiana	7.19
Veal Cutlet Parmigiana	7.99
Breast of Chicken, Peppers Mushrooms in marinara sauce	7.49

HOT SUBS

	6"	10"
Veal Cutlet Parmigiana		5.99
Chicken Cutlet Parmigiana	4.25	5.49
Sausage Parmigiana w/gpo	3.85	5.09
Meatball Parmigiana	2.99	4.09
Eggplant Parmigiana	3.35	4.29
Overstuffed Steak'n Chees	4.05	5.49
Overstuffed Pizza Steak	4.40	5.94

COLD SUBS

	6"	10"
Ham & Provolone	3.35	4.25
Salami & Provolone	3.35	4.25
Italian Combination	3.75	4.85
Ham, Salami, Provolone Cheese		
Turkey Breast	3.35	4.25
Turkey Breast & Provolone	3.75	4.75
White Albacore Tuna Salad	3.35	4.25
Vegetarian	3.05	3.95
Chicken Breast	4.25	5.49
(lettuce, tomato, mayo)		
Roast Beef	4.95	5.99

SALADS

Side	1.99
Tossed	2.99
Greek	5.60
Spinach	5.15
Chef	6.69
Dieter's Delight	4.85
Caesar	4.65
w/Grilled Chicken Breast	6.65
Mama Alario's Deluxe Antipasto Salad	6.99

SPECIALTIES

	12"	18"	Sicilian 12" x 18"
Alario's Special Pizza	11.00	14.75	16.00

A hearty combination of sausage, meatball, mushroom, pepperoni, green peppers and onions.

Alario's Meat Lovers Pizza	11.00	14.75	16.00

A hearty combination of sausage, meatball, ham, pepperoni, and a touch of garlic.

Alario's Vegetarian Pizza	11.00	14.75	16.00

A delightful mixture of broccoli, mushroom, onion, green pepper, spinach, and a touch of garlic.

Alario's Hawaiian Pizza	8.50	11.50	12.75

Sweet spiced ham topped with pineapple

STUFFED PIZZA

#1. Sausage, Pepperoni, Ham and Mozzarella Cheese
#2. Meatball, Onion, Ricotta Cheese, Sauce and Mozzarella Cheese
#3. Broccoli, Onion, Mushroom, and Mozzarella Cheese
#4. Spinach, Ricotta Cheese, Sauce, Mozzarella Cheese and a touch of Garlic
#5. Sausage, Green Peppers, Onion, Sauce and Mozzarella Cheese

By the slice 2.30 *Whole Pizza* 13.60

DESSERTS

GINO's Italian Ice	99¢
Cheese Cake	2.25
Cannoli	2.25
Zeppolies ...ea 35¢... 1/2 doz.1.90...doz.	3.75

Feash sweetend dough, fried & smothereth pure cane powdered sugar

BEN & JERRY'S Ice Cream/Yogurt (By the pint)	3.75

$1 OFF ANY PIZZA
with this coupon. Not valid w/any other offer. Please mention coupon when ordering.
Expires 8-31-93

FREE DELIVERY W/ANY ORDER OVER **$8.50**
with this coupon. Not valid w/any other offer. Please mention coupon when ordering.
Expires 8-31-93

$1 OFF ANY PIZZA
with this coupon. Not valid w/any other offer. Please mention coupon when ordering.
Expires 8-31-93

BUY ONE STROMBOLLI, GET 2ND FOR ONLY $3.00
with this coupon. Not valid w/any other offer. Please mention coupon when ordering.
Expires 8-31-93

FREE DELIVERY W/ANY ORDER OVER **$8.50**
with this coupon. Not valid w/any other offer. Please mention coupon when ordering.
Expires 8-31-93

FREE MOZZARELLA STICKS with purchase of any 2-10" Subs
with this coupon. Not valid w/any other offer. Please mention coupon when ordering.
Expires 8-31-93

March 1993

S	M	T	W	T	F	S
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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

April 1993

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May 1993

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30	31					

June 1993

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July 1993

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August 1993

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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

1993-1994 ACADEMIC CALENDAR

March

22 Begin picking up Fall '93 Early Registration materials
Schedule of Classes available Fall '93 Edition I
Summer 1993 Registration Begins
29 Fall 1993 Early Registration Begins

April

5 GRAD Students - Last day to adjust SP'93 schedule

UG - Last day to drop with a "W" Spring 1993

May

5 Last day Fall '93 Early Registration appointments
6 Begin Fall '93 Schedule Adjustment
10 LAST DAY OF CLASSES Spring 1993

Last Day to Withdraw from Spring semester

12 - 19 FINAL EXAMS
14 MARS Grade Inquiry available for Spring 1993
20 COMMENCEMENT
31 Memorial Day Holiday

June

4 Last Day to cancel Summer Session I Registration
7 FIRST DAY OF CLASSES Summer Session I
11 UG - Last Day Summer Session I Schedule Adjustment

July

1 UG - Last Day to drop with a "W" Summer Session I
GRAD Students - Last Day Schedule Adjustment - Summer I
5 Independence Day Holiday
16 LAST DAY OF CLASSES Summer Session I 1993

July

16 Last Day to cancel Summer Session II Registration
19 FIRST DAY OF CLASSES Summer Session II 1993
23 UG - Last Day Summer Session II Schedule Adjustment

August

12 UG - Last day to drop with a "W" Summer Session II
GRAD Students-Last day Schedule Adjustment - Summer II
27 LAST DAY OF CLASSES Summer Session II

September

6 Labor Day
7 FIRST DAY OF CLASSES Fall 1993

20 Last Day - Fall '93 Schedule Adjustment

October

25 Spring 1994 Early Registration begins (tentative)

November

15 UG - Last day to drop with a "W"

GRAD Students - Last day to adjust schedule

25 Thanksgiving Recess
26 Thanksgiving Recess

December

13 LAST DAY OF CLASSES - Fall 1993
15 - 22 FINAL EXAMS
17 MARS Grade Inquiry available for Fall 1993
23 COMMENCEMENT

September 1993

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
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26	27	28	29	30		

October 1993

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24	25	26	27	28	29	30
31						

November 1993

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28	29	30				

December 1993

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26	27	28	29	30	31	

January 1994

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23	24	25	26	27	28	29
30	31					

February 1994

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13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

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The Schedule of Classes is produced four times a year under the direction of the Office of Records and Registrations at the University of Maryland, College Park.

For information on advertising in the Schedule of Classes contact:
1113 Mitchell Building
University of Maryland
College Park, MD 20742
301-405-6777; Fax: 301-441-2006

Registration Information: 314-8240

SEPTEMBER 20th IS THE LAST DAY TO:

- ***ADD A COURSE***
- ***DROP A COURSE (WITHOUT A "W")***
- ***CHANGE CREDIT LEVEL***
- ***CHANGE GRADING OPTION***
- ***APPLY FOR A DECEMBER 1993 DIPLOMA***
- ***PROCESS A LATE REGISTRATION***

The **FIRST EDITION** of the Schedule of Classes should be used only DURING EARLY REGISTRATION. As they occur, revisions will be posted in the first floor of the Mitchell Building.

The **SECOND EDITION** of the Schedule of Classes should be used prior to the beginning of classes. The Second Edition reflects room, time and instructor changes made to course offerings since the First Edition was printed. It shows courses and/or sections added and omits courses and/or sections deleted since the First Edition.

For purposes of this publication, the term University of Maryland refers only to the campuses prior to July 1, 1988. This includes the campuses at Baltimore, Baltimore County, College Park, Eastern Shore and University College.

The University of Maryland uses an individual student's social security number as his or her identification number for University records. If you do not wish the University to use your social security number for this purpose, write the Office of Registration, Mitchell Building, College Park, Maryland 20742. The University will then assign its own number to you for record keeping purposes.

The provisions of this publication are not be regarded as an irrevocable contact between the student and the University of Maryland. Changes are effected from time to time in the general regulations, in fees, in class scheduling, and in the academic requirements.

REGISTRATION APPOINTMENTS

Eligible undergraduate students were mailed a post card during the second week in March with early registration appointment information. Appointment times are based on student credit level and are scheduled between March 29 and May 5, 1993. Two registration methods are being used during Fall 1993 Early Registration— MARS and in-person appointments at the registrations office. Your invitation postcard will include information about your appointment time, which method you are eligible to use (MARS or in-person appointment), and where to pick up registration materials. Materials can be picked up beginning March 22nd.

MARS - the Maryland Automated Registration System:

MARS is a voice response system that lets students use touch-tone phone to register. Students invited to use MARS can call from the time of their scheduled appointment during MARS operating hours until seven days after their appointment. MARS is available Monday through Friday, 7:30 a.m. to 7:00 p.m. and Sunday from 5:00 to 11:00 p.m.

WHO CAN USE MARS? Most current undergraduates are eligible to use MARS. If you have been assigned a PIN by the Registrations Office and are in good academic and financial standing, you can use MARS for Fall 1993 Early Registration. Read the information below and see page 6 through 8 for MARS instructions. For information about MARS training sessions, contact your college or call the MARS Helpline (314-8600).

In-person appointments at the Registration Office:

On-line registration appointments will again be offered in Room 1130 Mitchell Building. If you are not using MARS you will register with a computer operator at your scheduled appointment time.

Because of special advising requirements some students can not use MARS for Early Registration. Students not eligible to use MARS include those on academic warning or dismissal, student athletes, Individual Admits and IED students.

Questions about what Registration method to use?
Call Registrations at 314 -8240

GETTING READY TO REGISTER

Carefully read and follow the five steps in GETTING READY TO REGISTER. Take advantage of early registration; by registering at your scheduled appointment time you will have the best opportunity to obtain a Fall 1993 course schedule.

STEP1: PICK UP MATERIALS

Beginning March 22nd and go to your department (location is indicated on your invitation postcard) to pick up registration materials. Registration materials include your appointment letter and unofficial transcript. Students using MARS can find a MARS course worksheet on page 7. If you did not receive a post card call Registrations at 314-8240.

ATTENTION MAY DEGREE CANDIDATES: If you wish to register for Fall 1993, call Registrations for an appointment beginning March 22nd. Call 314-8240.

STEP 2: REVIEW YOUR APPOINTMENT LETTER CAREFULLY.

It contains information about advising requirements and registration blocks. The courses you select, as well as your advising requirements will determine if you need to meet with an advisor prior to registering. For information on specific course and credit restrictions that may require special permission prior to registering see STEP 3.

Advising: is required for some students, and highly recommended for all students. Advising is mandatory prior to registering for students in certain majors, students on academic warning and dismissal, student athletes, IED students, and students who still need to fulfill fundamental studies requirements. Appointment letters indicate if advising is mandatory. A list of advisors begins on page 20. Set up an appointment to see an advisor as soon as possible.

Registration Blocks: Financial and judicial blocks are noted in your appointment letter. Be sure to resolve any outstanding blocks prior to your registration appointment. Students owing money to the University are not eligible to register until they clear their accounts. To become eligible to register contact the Office of the Bursar, Room 1135 Lee Building prior to your appointment time.

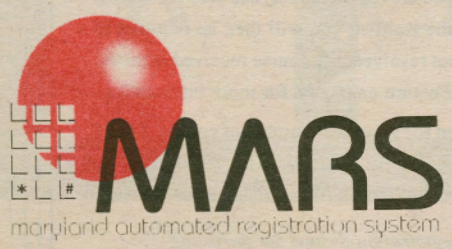
Fundamental Studies Blocks: If you have completed 30 credits and have not satisfied the Fundamental Math and English requirements you should contact your college office to request a waiver. If you are going to register for the required course in lieu of requesting a waiver, you must register in person.

STEP 3: PLAN YOUR SCHEDULE AND OBTAIN SPECIAL PERMISSIONS.

Use the course listings beginning on page 31 to plan your Fall schedule. Also select alternative courses and sections. Note that MARS uses the five-digit index number to the right of the section number in the course listings. Read course listings carefully and pay special attention to notelines associated with each course. Some registration actions do require special permission. Remember that all special permissions and advising requirements must be met before registering. See *Need Special Permission?* in the next column for specific information.

Electronic Stamp:

The Electronic Stamp has been developed to allow offices to grant special permissions and approvals via computer. All colleges, the Registrations Office, and most departments have access to the Electronic Stamp. Special permissions (on forms) from any other department can be turned to that department or college office or the Registrations Office prior to registering with MARS or in-person. Electronic Stamp permissions are valid whether you register in person or use MARS. Note that after obtaining permission you must still process a registration for the course(s). Special permissions can still be granted on schedule request forms with proper authorization when registering in-person.



Need Special Permission?

Course Restrictions: These restrictions are listed with individual courses in the course listing section of this Schedule. Some courses are open to majors only, others have cumulative credit requirements. Courses with *Perm Req* to the left of the course listing require permission from the department offering the course prior to registering. The department can enter the permission directly into the registration system using the Electronic Stamp, or stamp and sign the schedule request form. The schedule request form can then be taken to that department's college or the Registrations Office for entry into the system.

Actions Requiring College Approval: All college offices have access to the Electronic Stamp and can enter special permissions directly into the registration system. Exceptions to any of the restrictions listed below require college approval **prior to registering.** Students should request these permissions well in advance of their registration appointment. Remember to register for the course (either by MARS or in-person) after obtaining any special permissions.

Maximum Credit Limit: Undergraduate students are generally limited to registering for 16 credits until September 3,1993, students can then register for a maximum of 19 credits. Requests to register for over 16 credits prior to September 3,1993 require special permission. Requests to take over 19 credits always require college approval.

CORE Restriction: Students with over 90 cumulative credits are restricted to registering for only one CORE course until September 3,1993. Check the General Education Requirements on page 25 to determine the CORE status of a course. Any exceptions require college approval.

Graduate Level Courses: Undergraduates requesting graduate level courses (those numbered 500 and above) require college approval.

Time conflicts: Time conflicts are not permitted. All exceptions require special permission.

Pass/Fail Grading Method: See page 23 for Pass/Fail option requirements for undergraduate students.

Re-registering for the same course: Students are limited to the number of times they can register for a course. NO MORE THAN TWO REGISTRATIONS are permitted for any one course. Each time a course is dropped with a mark of "W" it will be counted as a registration.

STEP 4: CHECK ON COURSE AVAILABILITY AND COMPLETE REGISTRATION FORMS.

Is the Course Open? Don't wait until you are ready to register to find out if a course is open. There are three ways students can check on course availability:

- Use the MARS open section look-up feature.
- Come to the Mitchell Building and check the course information posted in the first floor hallway.
- Try SEATS - SEATS is a new computer service designed to help students with course planning. It features up-to-date Schedule of Classes course information. It can be easily accessed at Computer Science WAM labs or any of the more 800 computer workstations across campus using the campus network, UMDNET. Try SEATS before you register. You can build a tentative schedule using current data on open sections, waitlists, and USP and CORE courses. Course information is updated nightly.

How to access SEATS:

SIGN-ON: Select SEATS from the menu options at any campus WAM lab. From other campus locations, or if you are dialing in remotely type:
telnet seats.umd.edu

After connecting you will be prompted to login. Type *seats* after the login prompt as shown below:
Enter seats for access to course seating information
login: seats (in lower case)

PRINTING: You will be asked to select a printer. Enter a number from the list displayed on the screen. Next enter a printing identification code. This can be any word, initial, etc. and is used to identify your printouts.

SEATS has four different options—SEATS, SCHEDULE, USP OPEN and CORE OPEN. SEATS gives you information about all courses being offered; SCHEDULE can assist you in building a tentative schedule based on information about sections that are open at the time you use the program; USP and CORE OPEN display open course information for Distributive and Advanced Studies courses. These options may be accessed at any time by typing a question mark.

COMPLETE REGISTRATION FORMS: Prior to your appointment date and time fill out your Undergraduate Schedule Request form or MARS course worksheet. Make sure all special permissions and advising requirements have been met.

STEP 5: READ CALLING MARS ON PAGE 6 OR REGISTER IN PERSON.

If you are using MARS read "Calling MARS" on page 6. Students registering in person go to Room 1130 Mitchell Building at the day and time of your assigned appointment. Please be on time, if you are late you may be asked to make another appointment.

AFTER YOU REGISTER

Schedule Adjustment: Schedule Adjustment for Fall 1993 begins May 6, 1993. Students using MARS can call during MARS operating hours, Monday-Friday 7:30 a.m. to 7:00 p.m, and Sunday 5:00-11:00 p.m. Walk-in Schedule Adjustment is available in Room 1130 Mitchell Building, Monday-Friday 8:45-11:30 a.m.

Schedule and Bill: Students that register during Early Registration will be mailed their schedule, registration card and bill during July. Tuition and fees are due September 17,1993.

Read the Schedule of Classes: There is additional information on registration in this Schedule of Classes. If you waitlist a course, or are considering this option, read WAITLIST INFORMATION on page 11. Important information about deadlines and cancellation dates can be found on page 12. Graduate students should refer to pages 9 and 10 for registration and academic information.

The Fall 1993 Edition II Schedule of Classes will be available on campus August 16,1993. Consult the Second Edition for important information about schedule adjustment, updated course listings and waitlist check-in.

Δ 6 MARS Registration Information Δ

ALL STUDENTS WHO HAVE RECEIVED A PERSONAL IDENTIFICATION NUMBER (PIN) FROM THE REGISTRATION OFFICE ARE ELIGIBLE TO USE MARS FOR SCHEDULE ADJUSTMENTS AND REGISTRATION. HOWEVER, STUDENTS IN THE FOLLOWING GROUPS MUST CONTINUE TO REGISTER OR PROCESS SCHEDULE ADJUSTMENTS IN-PERSON:

- ***Students on Academic Warning/Dismissal***
- ***Student Athletes***
- ***Students who have a Fundamental Studies Block***
- ***Newly Admitted Students***
- ***Students on the IED and Individual Admit Programs***

CALLING *MARS*

Early registration with *MARS* is convenient and easy to use. *MARS* utilizes the telephone key pad to communicate your course requests to the computer. The *MARS* Course Worksheet and key pad opposite, will guide you through the process. There will also be *MARS* Training Workshops held during March and April. Call 314-8240 for information . First follow the steps below so you will be prepared to call *MARS* at your appointment time..

- FOLLOW steps 1 - 5 in Getting Ready to Register on page 5
- Fill out the *MARS* course worksheet opposite and enter the information on each line. Use an ACTION CODE, section INDEX NUMBER, and # (pound sign) on the key pad for each transaction. After entering all lines press # (pound sign) again to signal the computer to process course requests.

  ACTION CODE - tells the computer what you want to do, for example add (press 2), drop (press 3) or list courses (press 5). ACTION CODES are listed opposite, on page 7.

  INDEX NUMBERS - identify the individual course and section. Each course has a unique 5-digit index number in the Schedule of Classes. The INDEX NUMBER is in parenthesis to the right of the section number. Contact the department offering the course for INDEX NUMBERS not listed in the Schedule of Classes.
- Call *MARS* at your scheduled appointment time - 301-403-0500 (from on-campus dial 9-403-0500). Listen to *MARS* carefully, you will be prompted for your Student ID Number (social security number) and PIN (Personal Identification Number). Most Undergraduates and some Graduate students have received PINS from the Registrations Office.
- **Hours of operation:** During Early Registration you can call MARS beginning at your appointment time and for up to a week after your appointment. You can also call any Friday or Sunday after your appointment to make schedule adjustments.

  Monday - Friday 7:30 a.m. - 7:00 p.m.
  Sunday 5:00 p.m. - 11:00 p.m.
- **Phone Numbers:** ***MARS* (301) 403-0500**
  MARS HELPLINE call (301) 314-1600
  (call the MARS Helpline if you have any questions or concerns)

MARS FEATURES

REGISTRATION/SCHEDULE ADJUSTMENT: Used to process course requests during Early Registration and schedule adjustments such as drops, adds and grading method changes. REGISTRATION/SCHEDULE ADJUSTMENT includes Open Section Look-up.

GRADE INQUIRY: Provides semester grades as soon as they are available. Grade Inquiry is generally available on the third day of final exams.

WAITLIST CHECK-IN: Replaces in-person waitlist check-in by allowing one to fulfill the mandatory check-in obligation. Refer to page 8 for more information on Waitlisting with *MARS*.

OPEN SECTION LOOK-UP: Part of Registration/Schedule Adjustment (6 # # on *MARS*). Up-to-date course availability information can be accessed through *MARS*. This service is available during your early registration appointment period and during schedule adjustment. Be ready to write down section and INDEX NUMBERS.

1. Press Action Code 6 # # and wait for instructions.
2. To list any open sections of a particular course press 2 followed by an Index Number (any Index Number listed for that particular course) and #

   OR

   To list only open sections that fit into your schedule press 6 followed by an Index Number and #

- *MARS* lists open sections in groups of six. The listing can be stopped at any time by pressing 9.
- *MARS* will list ALL open sections or only those that fit into your current schedule.
- To begin the listing at a specific section press * after the section's index number and before pressing #

Students with a Fundamental Studies Block must seek a waiver from their college or register in person. Even if you are now registering for the course, you must get a waiver or register in person.

WORDS FROM *MARS*

ACCIDENTAL TERMINATION OF CALL: If you are accidently cut off from *MARS* before you complete your request, recall the system. You will be registered for transactions processed prior to termination. After entering your student ID and PIN, press 5 # # to list your course schedule. *MARS* will list the courses for which you are already registered. You may then make additions or changes to your schedule.

CANCELLATION OF REGISTRATION: Note that whether you register in person, or by *MARS* your entries are part of your registration record. See Cancellation of Registration for deadlines and information.

DISCONNECTIONS: Time limits are built into the system. If you are on the *MARS* line for an extended period of time you will be disconnected. Error limits are also a part of *MARS*. If you do not enter the correct information after the second try, *MARS* will disconnect. You may immediately call *MARS* back. List your schedule (5##) to verify prior transactions..

DROPPING: You may drop a course by using Action Code 3 # # with Drop/Add. *MARS* will list all of your courses and give you the option to drop. *Before dropping one course in order to register for another course, be sure to use Open Section Look-up to ensure that the course is available. Once a closed course has been dropped, you will be unable to reregister for the course. The next person on the waitlist has been given your seat.*

SCHEDULE ADJUSTMENT: Schedule Adjustments for Fall 1993 begins May 6, 1993. Call *MARS* during operating hours: Monday - Friday 7:30 a.m. to 7:00 p.m., Sunday 5:00 p.m. - 11:00 p.m. Walk-in Schedule Adjustment is available in Room 1130 Mitchell Building, Monday - Friday 8:45 - 11:30 a.m.

GRADE INQUIRY: This feature of *MARS* provides students with semester grades as soon as they are available. Grade Inquiry is activated on the third day of final exams for each semester. Grades are available on a continual basis as they are submitted by departments. Grades are updated Tuesday through Saturday by 9:00 a.m.

GRADING METHOD: This refers to the choice of taking a course for a letter grade (A - F), Pass-Fail, or Audit. Change the grading method for a course by using *MARS* Action Code 4 # #. All grading methods are not available for all courses. Additionally, there are restrictions on taking courses Pass-Fail. See page 23 for information.

INDEX NUMBER: Unique five-digit index numbers are assigned to each section of a course. This number is located to the right of the section number in the course listings (beginning on page 31). Index Numbers for independent study courses must be obtained form the department offering the course.

PIN - PERSONAL IDENTIFICATION NUMBER: A PIN was mailed to all students eligible to use *MARS*. This PIN is permanent and should be used throughout your attendance at Maryland. If you misplace, forget or feel the confidentiality of your PIN has been jeopardized, you can request a new number. Come to the Registration Information Counter located on the first floor of the Mitchell Building. You will be asked to provide photo identification before a new PIN can be assigned.

SCHEDULE AND BILL: Students that registered on or before August 20, 1993, receive a schedule and bill for tuition and fees in the mail. Students that register after August 20, 1993, are required to make payment in full by close of business on the Monday following their registration.

SILENCE DURING PROCESSING: There may be periods of silence during your call to *MARS*. This is normal and occurs when information is being verified or processed. Typically, the amount of silence lasts no longer than 5 seconds; however this time may increase during periods of heavy use. DO NOT HANG UP. Wait for the next set of instructions.

TIME CONFLICTS: *MARS* will not permit you to register for courses that conflict in time. Any exceptions require special permission from your college. To be placed on a waitlist for a course that conflicts with one you are registered for, use Waitlist Action Code 7 # #. If you receive the class from the waitlist, you will then be required to resolve the conflict. If the time conflict is not resolved, the course received from the waitlist will be dropped. Refer to Waitlist Feature on page 8 for more information.

VARIABLE CREDIT: Certain courses can be taken for a variable number of credits. *MARS* will prompt you for the number of credits when you register. You can change the credit level for a variable credit course by using *MARS* Action Code 8 # #.

Anyone using the Maryland Automated Registration System for purposes other than accessing his/her own records will be in violation of University Policy.

Calls may be monitored for development purposes.

MARS COURSE WORKSHEET

MARS maryland automated registration system

TO ADD COURSES FOLLOW STEPS 1 - 7

1. Before processing your registration fill in the boxes below, one course per line. Each course selection is identified in the Schedule of Classes by a unique 5-digit INDEX NUMBER (to the right of the section number). Be prepared with alternate selections. Note that *MARS* will not allow you to register for any time conflicts.
2. Call *MARS* 301-403-0500 (from campus call 9-403-0500)
3. Select Registration/Schedule Adjustment from the *MARS* main menu.
4. Enter your student ID number (usually your social security number) ___ ___ ___ - ___ ___ - ___ ___ ___ ___
5. Enter your PIN (Personal Identification Number) ___ ___ ___ ___ ___ ___
6. Enter ADDS by pressing Action Code 2, INDEX NUMBER, #
7. After you have entered all ADDS in this format, enter another # to send information to the computer. Listen carefully, *MARS* will give information about each transaction.

ACTION CODES for other functions are listed below.

ACTION CODE	INDEX NUMBER		COURSE	SECTION	DAYS	TIMES
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				

Press # after entering your transactions. This # signals the computer to process your requests.

ACTION CODES FOR REGISTRATION/SCHEDULE ADJUSTMENT

Action Codes are accessed by pressing the corresponding button on the telephone keypad.

ADD A COURSE:
2, INDEX NUMBER, # #

DROP A COURSE:
3, INDEX NUMBER, # #
OR 3 # #, *MARS* will list courses & prompt you to press 1 to drop 0 to continue

CHANGE GRADING METHOD:
You have the option to enter a grading method when adding a course. If no grading method is entered, *MARS* will default, in most cases, to regular.
4 INDEX NUMBER * GRADING METHOD # #
1=Regular 2=Pass/Fail 3=Audit 4=Satisfactory/Fail
OR 4 # # to list courses with grading method

CHANGE CREDIT LEVEL:
Limited to variable level courses
8 INDEX NUMBER * NUMBER OF CREDITS # #
(Example: 2 credits=02)
OR 8 # # to list courses with credit levels

LIST YOUR SCHEDULE:
5 # #

LIST OPEN SECTIONS:
MARS will list up to six open sections. You have the option to list ALL open sections, or just sections that don't conflict with your current schedule. Be ready to write down sections and index numbers.
6 # # then
2 INDEXNUMBER # for all open sections OR
6 INDEX NUMBER # for open non-conflicting sections

WAITLIST FEATURE:
If the course closed, and you are eligible to take the course, *MARS* will will prompt you to be placed on the waitlist for up to six sections. If any of these sections are open, *MARS* will tell you. Please note the section and index numbers. See page 8 for more information on Waitlist Feature.
To enter directly into the Waitlist Feature,
7 # # then
2 INDEX NUMBER # # to add a section to the waitlist
3 INDEX NUMBER # # to drop a specific waitlist section
OR 3 # # to be prompted for dropping waitlist sections
5 # # to list waitlist sections

CANCEL TRANSACTION:
To cancel an entry before the # is pressed enter * * #. You may then reenter your request.

RETURN TO MAIN MENU:
9 # #

M A R S 4 0 3 - 0 5 0 0

THERE IS MORE *MARS* INFORMATION ON THE NEXT PAGE

WAITLIST INFORMATION

USING THE WAITLIST

The waitlist is a roster of students who are waiting for a seat to become available in a closed course. The waitlist stores names in order of request, on a first come, first served basis, to allow access to seats as drops are processed. Students can waitlist courses by using MARS or in-person. Waitlist information and Check-In procedures are outlined below.

Waitlisting with MARS: When attempting to add a closed course, and a waitlist is available, MARS will offer the waitlist option. If this option is selected, you will be placed on the waitlist for the closed section. Additionally, you will be prompted to enter up to five more waitlist sections. Be sure to use the section INDEX NUMBER. Listen carefully, MARS will give information about the MANDATORY and REGULAR CHECK-IN dates. Make note of these important dates.

When following this procedure to place a request on the waitlist, normal registration blocks are enforced. For example, if the desired waitlisted course conflicts in time with an existing added course MARS will prevent you from waitlisting the course. See WAITLIST FEATURE at the bottom of this page for details on how to use MARS to temporarily override these blocks.

Waitlisting in Person: If a course is closed and a waitlist is available you will be offered the option of being placed on a waitlist. You may waitlist up to six sections of a course. Mandatory Check-In and Regular Check-In dates will be noted on your Schedule Request/Adjustment form. *You are required to check-in beginning on these dates to remain on the waitlist.* Please retain this information.

WAITLIST CHECK-IN

To remain on the waitlist students must Check-In on the designated date for MANDATORY CHECK-IN and return DAILY (once a day), for the REGULAR CHECK-IN PERIOD. Students can check-in by calling MARS or in person at the Registration Center (Room 1130 Mitchell Building) during the Mandatory and Regular Check-In periods. Check-in may also be held on the main floor of the Reckord Armory at the beginning of the semester. See the Second Edition of the Schedule of Classes for check-in times and locations.

***MARS* Check-In:** Students waitlisting courses via MARS will receive Mandatory and Regular Check-In dates. If you are on the waitlist you MUST call MARS on this MANDATORY CHECK-IN date, and daily thereafter during the REGULAR CHECK-IN PERIOD to remain on the waitlist. Waitlist Check-In information is updated daily at 7:30 a.m. You are required to check in only once a day beginning with your Mandatory Check-In date. There is no need to check in more than once a day. **NOTE: When a course is received from the waitlist it is added to a student's schedule the following day.** Call MARS the day after you receive the course to verify registration. Press 5 # # to list your schedule.

***MARS* Waitlist Status:** You can check the status of a waitlisted course beginning the day after you register. Call MARS and select Waitlist Check-In from the MARS menu. MARS will list any courses you have received from the waitlist and your waitlist/holdfile position for the section you have not received.

Conflicts: If you call MARS and receive a course from the waitlist which creates a time conflict or causes your schedule to exceed the number of allowable credits, etc., you MUST adjust your schedule by 4:30 p.m. of the following workday. You can use MARS Drop/Add, come in to the Registrations Office, or call the MARS Helpline. If you do not adjust your schedule, a drop will be processed on the course you received from the waitlist.

In-Person Check-In: The Mandatory Check-In and Regular Check-In dates are printed on the schedule request/adjustment form for students who register in person. In-person waitlist check-in will be held at the Registration Center (Room 1130 Mitchell Building) during the check-in period. See the second edition of the Schedule of Classes for dates and times. Be sure to read Waitlist Information below for specific waitlist rules.

WAITLIST INFORMATION

1. **You must check-in once a day, during the specified period, to remain on the waitlist. Students that do not check-in will be removed from the waitlist.** If a section has already been assigned, the section will be given to the next eligible student.
2. Not all departments offer waitlists for their courses. It is the decision of the department whether or not to offer a waitlist. Some departments have two waitlists - one for eligible majors and one for special populations determined by the department. In those departments where two waitlists are kept, be aware that eligible majors have priority.
3. It is recommended that you complete your schedule with alternative course choices. **BEING PLACED ON A WAITLIST DOES NOT GUARANTEE THAT YOU WILL BE SECTIONED INTO YOUR DESIRED COURSE.**
4. To be eligible for the waitlist you cannot be registered for any other section of the desired course. If you are currently registered for any other section of the course, you must drop that section before you can be placed on the waitlist. If you remain registered for another section of the same course at the time you waitlist, you will be removed from the waitlist section.
5. You may select up to six (6) sections of a course. The first section to become available will be assigned to you by the computer. Since you will now be registered for a section, your name will be removed from the waitlist for that course. If you subsequently refuse the assigned section, that section will be given to the next person waiting for it. You may, at that time, request to be **PLACED AT THE END OF THE WAITING LIST FOR ANOTHER SECTION.**
6. Once you have been placed on a waitlist for a specific course you cannot add any additional sections to the waitlist for that course at the same position. If you later decide to add additional sections they may be added to the end of the waitlist.
7. Students stand a better chance of receiving a course by waitlisting as many sections as possible. However, when waitlisting multiple sections of a course, you should be sure each section fits your schedule unless you plan to drop the course that conflicts with the waitlist section at the time the section is received.
8. Problems resulting from courses received from the waitlist that conflict with a student's schedule must be resolved immediately. Time conflicts cannot remain on a student's schedule without permission from the student's college.
9. If new sections are opened with exact meeting times to those sections selected, you will be scheduled for the new section by the waitlist processor.
10. Waitlist activity will end the last day of the Schedule Adjustment Period. Consult the latest edition of the Schedule of Classes for this date.
11. Students who receive courses from the waitlist prior to the beginning of the semester may receive information from the Registrations Office regarding phone-in procedures. Students eligible to use MARS, can call MARS to check their waitlist status.

WAITLIST FEATURE (7 # # ON MARS)

Waitlisting a course that conflicts in time with another course or waitlisting a course that if received, would allow a student to be enrolled in credits above the maximum credit restriction requires a student to use the Action Code 7 # # while in Registration/Schedule Adjustment.

This procedure only allows a override on the registration blocks for waitlisted courses. If the course is received and confirmed, students must adjust their schedule in accordance with University policy by 4:30 p.m. of the following workday. If the schedule is not adjusted, a drop will be processed on the received waitlist course.

Additionally, 7 # # allows students to drop a section of a previously waitlisted course, and provides a listing of waitlist courses.

ADDING A COURSE TO THE WAITLIST:

1. Uses Waitlist Action Code - 7 # #.
2. Press Action Code 2, INDEX NUMBER, # #

The course/section has now been added to the waitlist. Listen carefully, you will be prompted to waitlist 5 additional sections if you so desire.

The processor will warn you when there are registration blocks associated with your waitlist requests. These will be overridden by the processor. If you receive the course, you MUST resolve the problem by 4:30 p.m. of the following workday to comply with University policy. Failure to adjust your schedule will result in the received class being dropped.

DROPPING A COURSE FROM THE WAITLIST:

1. Use Waitlist Action Code - 7 # #.
2. Press Action Code 3, INDEX NUMBER, # #. The exact course/section has been deleted from your waitlist record.

   OR

   Press Action Code 3, # #. *MARS* will list all your waitlist courses/sections. Listen carefully. The system will prompt you to drop the desired waitlist course/section.

LISTING WAITLIST COURSES:

1. Use Waitlist Action Code - 7 # #. 2. Press Action Code 5, # #. *MARS* will list your waitlist courses/sections and position number.

	ACTION CODE			ACTION CODE			INDEX NUMBER						
ADDING A COURSE TO WAITLIST	PRS 7	#	#	ABC 2			___	___	___	___	___	#	#
DROPPING A COURSE FROM WAITLIST	PRS 7	#	#	DEF 3			___	___	___	___	___	#	#
OR	PRS 7	#	#	DEF 3	#	#	to be prompted for dropping waitlist sections						
LISTING WAITLIST COURSES	PRS 7	#	#	JKL 5	#	#							

MARS

Fall 1993 Registration

ALL GRADUATE STUDENTS ARE ENCOURAGED TO TAKE ADVANTAGE OF THE MAIL-IN REGISTRATION PROCEDURE. EARLY REGISTRATION WILL BE FROM **MARCH 29-AUGUST 20, 1993.** EACH DEPARTMENT/PROGRAM WILL CONTROL THE DISTRIBUTION OF MATERIALS FOR GRADUATE STUDENTS. CURRENTLY ENROLLED GRADUATE STUDENTS SHOULD HAVE RECEIVED A POSTCARD NOTIFYING THEM ABOUT REGISTRATION PROCEDURES.

NOTE: Financially ineligible graduate students must adhere to the following procedures prior to registration:

1. Complete bill payments at the Bursar's office, Room 1135 Lee Building.
2. Obtain a Financial Clearance from the Bursar's office.
3. Take the clearance to your department to pick up registration materials. Include a copy of clearance form with schedule request form.

REGISTRATION STEPS:

STEP 1—Review the chart on page 10 to determine departmental requirements based on status as a newly admitted or returning graduate student.
NEWLY ADMITTED: Any student receiving an admission letter from the Graduate School for Fall 1993.
RETURNING STUDENT: Any student admitted to a Graduate program prior to and including Spring 1993, and currently eligible to register.

STEP 2—If advising is mandatory, (see page10) or needed, contact the department to arrange an appointment. If no advising is required, student must contact the department about distribution of schedule request form and transcript.

STEP 3—Review course listings for restrictions. Some courses are restricted. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 31, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registration for the course. Read the entire course listing for other restrictions. Some courses are open to majors only, others have cumulative credit requirements. Read course listings carefully to determine if the course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization, unless the course is listed as "Majors Only" and the student is officially listed as a major in that department. (In that case it is not necessary for the student to obtain authorization). Students should be sure they have authorization prior to registering.

STEP 4—Complete Graduate Schedule Request Form and return it to the department or to the Registration Office, as indicated in the Graduate Registration Procedure Chart on page 10.
NOTE: If the department permits, students may return the form directly to the Registration Office by mail through August 20, 1993, or in-person through September 20, 1993..

Registration Office
Room 1130 Mitchell Building
College Park, Maryland 20742

STEP 5—Confirmation of Fall 1993 schedules will be mailed to students according to the following schedule.

BILLING INFORMATION *Course Request received*	*Schedule, Bill and Registration Card sent:*
Through July 16	July 21
July 19-August 20	August 25
After August 20	pick-up in person

Immunization

The University of Maryland requires all freshmen, new graduates, and transfer students to provide documentation of Measles, Mumps, Rubella, and Tetanus/Diphtheria. It is as student's responsibility to provide this information to the Health Center before school begins. This requirements is mandatory.

Continuous Registration

(Doctoral Students Only)
Following advancement to candidacy by the Graduate Council for the doctoral degree, every graduate student must register each Fall and Spring semester until the degree is awarded. Contact the Graduate Records Office for more complete information at 405-4202.

Graduate Student Refund Schedule for Dropping

Graduate students are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. September 3 and earlier (prior to the first day of classes) ..... 100% refund
   There will be no charge for courses *dropped* by this date.
2. September 7-13 (first five days of classes) ..... 80% refund
   There will be a 20% charge imposed for courses *dropped* during this period.
3. September 14 and after ..... 0% refund

Students will incur full charge for courses *dropped* during this period.
Students who wish to drop one course and add another at the same credit level must accomplish both transactions on the *same* day to insure additional charges are not imposed.
Refer to Fall Semester Deadlines for other important dates.

Advising: Graduate students registering for courses must have the approval of their program advisors in order to make certain that the minimum Graduate School and program requirements are being satisfied. See page 10 for specific advising procedures required by your program.

Full Time Status: Effective August 1973, official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

To be certified as a full-time student a graduate student must be officially registered for a combination of courses equivalent to 48 units per semester. Graduate assistants holding full-time teaching or research appointments are full-time students if they are registered for at least 24 units in addition to the assistantship. Courses taken for Audit do not generate graduate units and cannot be used in calculating full-time or part-time status.

Table for Computing Graduate Units

Course Number	Graduate Unit
000-399	2 units per credit hour
400-499	4 units per credit hour
500-599	5 units per credit hour
600-898	6 units per credit hour
799	12 units per credit hour
899	18 units per credit hour
UMEI 005	6 units per credit hour

Program Changes: Graduate students wishing to change programs or degree objectives must submit a new application to the Graduate School. Current deadlines for new applications apply.

Pass-Fail: Gradute students are not eligible for the Pass-Fail grading option for courses numbered 400 and above.

Thesis and Dissertation Students

The Office of Graduate Studies and Research has prepared a handbook to assist graduate students in the preparation of master's theses and doctoral dissertations. The handbook can be purchased for $1.25 at the Reckord Armory, room 0127. All graduate students preparing theses or dissertations are required to follow the format requirements outlined in this booklet. Comments and suggestions for improving presentation of the guidelines are welcome and encouraged.

As of July 1, 1987, the Office of Graduate Studies and Research instituted a formal thesis and dissertation format review procedure. All graduate students writing a thesis or dissertation are required to have that thesis or dissertation inspected and approved by the Graduate School Records Office. Theses and dissertations which do not meet the expected minimum standards, as outlined in the handbook, will not be accepted, thus graduation may be delayed. Details about these requirements may be obtained in the Graduate Records Office, 2117 Lee Building, (405-4202).

Fall Semester 1993 Deadlines — Graduate Students

August 20 ..... Last day for mail-in registration
September 3 ..... Last day to cancel Fall 1993 registration
September 6 ..... Labor Day Holiday
September 7 ..... First Day of Classes
September 7 ..... Late Registration Begins through September 20
September 20 ..... Last day to submit applications for December 1993 Graduation to the Registration Counter, Mitchell Building
September 27 ..... DOCTORAL STUDENTS: deadline for submitting Nomination of Dissertation Committee form to the Graduate Records Office for December 1993 Commencement:
October 11 ..... MASTER'S STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1993 Graduation:
—Approved program form
—Nomination of Thesis Committee form
November 15 ..... Last day to adjust schedule
Must have department stamp to add a course after September 20
December 1 ..... DOCTORAL STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1993 Graduation:
—Two final, acceptable copies of the completed dissertation
—The original signed Report of the Oral Examining Committee
—Survey of Earned Doctorates
—UMI Microfilm Contract
—UMI/UMCP Agreement
December 8 ..... MASTER'S STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1993 Graduation:
—The original signed Reports of the Oral Examining Committee
—Two final, acceptable copies of the Master's Thesis OR Certificate of Completion of Master's Degree Without Thesis
December 13 ..... Last day of classes
December 23 ..... COMMENCEMENT

MARS
maryland automated registration system

Graduate Students with PINs are eligible to use MARS for Fall 1993 registration. See MARS information on pages 6 & 7 for instructions.

Δ 10 Graduate Registration Procedure Chart Δ

Graduate Students: Use this chart to determine advising requirements and locations for Spring 1993 registration

DEPARTMENT/PROGRAM		LOCATION	STUDENT STATUS			
			Newly Admitted Students		Returning Students	
			Advising	Return completed Forms to:	Advising	Return completed Forms to:
ADVP	Animal Sciences	4149 Animal Sci Center	Mandatory	Registrations Office	Mandatory except 799-899	Registrations Office
AGRO	Agronomy	1109 H J Patterson	Mandatory	Registrations Office	Mandatory	Registrations Office
AMST	American Studies	2140 Taliaferro	Mandatory	Registrations Office	Optional	Registrations Office
ANTH	Anthropology	1115 Woods Hall	Mandatory	Department	Mandatory	Department
ARCH	Architecture	1298 Architecture	Mandatory	Registrations Office	Optional	Registrations Office
AREC	Agricultural & Resource Economics	2210 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
ARTH	Art History & Archeology	1211 Art/Socy	Mandatory	Registrations Office	Mandatory	Registrations Office
ARTT	Art	1211 Art/Socy	Optional	Registrations Office	Optional	Registrations Office
ASTR	Astronomy	1206 Space Sci	Mandatory	Registrations Office	Mandatory except 799-899	Registrations Office
BCHM	Biochemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Department
BMGT	Business and Management	2308 MPA	MBA: permission of Director		MBA Optional	Department
	BMBA Master of Business Administration		MS: see faculty advisor or Director		MS Optional	Department
	BMSB Master of Science		PhD at Orientation		Ph.D. Optional	Department
	BPHD Ph.D Program	PhD: 2407 MPA				
	BMPH	See BMGT and MAPM	N/A	N/A	N/A	N/A
BOTN	Botany	1223 H.J. Patterson	at Orientation	Registrations Office	Optional	Registrations Office
CHEM	Chemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Department
CHPH	Chemical Physics	1126 Physics Bldg	Optional	Registrations Office	Optional	Registrations Office
CLAS	Classics	4220 Jimenez	Mandatory	Registrations Office	Optional	Registrations Office
CMLT	Comparative Literature	4220 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
CMPL	Community Planning	1113 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
CMSC	Computer Science	1119 A.V. Williams	Mandatory	Registrations Office	Mandatory	Registrations Office
CONS	Sustainable Development and Conservation Biology	3210 Zoo/Psyc Bldg	Mandatory	Registrations Office	Optional	Registrations Office
CRIM	Criminal Justice & Criminology	2220 LeFrak Hall	at Orientation	at Orientation	Optional	Registrations Office
CRWR	Creative Writing	Surge Bldg	Optional	Registrations Office	Optional	Registrations Office
DANC	Dance	1132 Dance Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
ECON	Economics	3127F Tydings	Mandatory	Department	Optional	Department
EDCI	Curriculum and Instruction	2311 H.R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
EDCP	Counseling and Personnel Services	3214 H .R. Benjamin	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
EDHD	Human Development	3304 H.R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
EDIT	Industrial, Technological and Occupational Education	3216 J.M. Patterson	Mandatory	Registrations Office	Mandatory	Registrations Office
EDMS	Measurement, Statistics and Evaluation	4107 H.R. Benjamin	Optional	Registrations Office	Optional	Registrations Office
EDPA	Policy, Planning and Administration	2110 H.R. Benjamin	Optional	Registrations Office	Optional	Registrations Office
EDSP	Special Education	1304 H.R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
ENAE	Aerospace Engineering	0151 Engr Classroom Bldg	Mandatory	Department	Mandatory	Registrations Office
ENAG	Agricultural Engineering	1130 Shriver Lab	Mandatory	Registrations Office	Mandatory	Registrations Office
ENCE	Civil Engineering	1179 Engr Classroom Bldg	Optional	Registrations Office	Optional	Registrations Office
ENCH	Chemical Engineering	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENEE	Electrical Engineering	3181 Engr Classroom Bldg	Optional	Registrations Office	Optional	Registrations Office
ENFP	Fire Protection Engineering	0147 Engr Classroom Bldg	Mandatory	Department	Mandatory	Department
ENGL	English	Surge Bldg	Optional	Registrations Office	Optional	Registrations Office
ENMA	Engineering Materials	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENME	Mechanical Engineering	2166 Engr Classroom Bldg	Mandatory	Registrations Office	Optional	Registrations Office
ENNU	Nuclear Engineering	2309 Chem Engr Bldg	Optional	Registrations Office	Optional	Registrations Office
ENRE	Reliability Engineering	2141 Chem. Engr. Bldg.	Optional	Registrations Office	Optional	Registrations Office
ENSE	Systems Engineering	2101 A.V. Williams Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
ENTM	Entomology	1300 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
FDSC	Food Service	1122A Holzapfel	Mandatory	Registrations Office	Mandatory	Registrations Office
FMCD	Family and Community Development	1204 Marie Mount	Optional	Registrations Office	Optional	Registrations Office
FRIT	French Language and Literature	3106D Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
GEOG	Geography	1163 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
GELS	Geography and Library Science	See GEOG & LBSC	N/A	N/A	N/A	N/A
GEOL	Geology	1115 Geology Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
GERS	Germanic Language and Literature	3215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
GRAD	Advanced Special Student	2117 Lee Bldg.	Not Required	Registrations Office	Not Required	Registrations Office
GVPT	Government & Politics	2181 LeFrak Hall	at Orientation	at Orientation	Optional	Registrations Office
HESP	Hearing and Speech Sciences	0100 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
HILS	History Library and Information Services	see LBSC	N/A	N/A	N/A	N/A
HIST	History	2117 Francis Scott Key	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
HLTH	Health Education	2387 HLHP Bldg	at Orientation	at Orientation	Mandatory	Registrations Office
HNFS	Human Nutrition and Food Systems	3304 Marie Mount	Mandatory	Department	Mandatory except 799/899	Registrations Office
HORT	Horticulture	1122 Holzapfel	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
JOUR	Journalism	2109 Journalism	Mandatory	Registrations Office	Mandatory	Registrations Office
KNES	Kinesiology	2351 HLHP Bldg	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
LBSC	Library and Information Services	4110 Hornbake	Mandatory	Department	Mandatory	Department
LING	Linguistics	1107 Mill Bldg	Mandatory	Registrations Office	Optional	Registrations Office
LMBA	Business Law Combined	2308 MPA	see admit Letter		Mandatory	Department
LMPM	Public Management Law Combined	See MAPM	N/A	N/A	N/A	N/A
MAPL	Applied Mathematics	1112 Math Building	by appointment	at appointment	Optional	Department
MAPM	Public Management	2308 MPA	Mandatory	Department	Mandatory	Registrations Office
MAPP	Public Policy	1218 LeFrak Hall	Mandatory	Department	Mandatory	Registrations Office
MATH	Mathematics	1112 Math Building	by appointment or at GA Orient	at appointment or Orientation	Optional	Department
MEES	Marine-Estuarine-Environmental Science	0313 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
METO	Meteorology	2207 Space Sci	at Orientation	Registrations Office	Mandatory except 799/899	Registrations Office
MICB	Microbiology	2131 Skinner	Mandatory	Registrations Office	Mandatory	Registrations Office
MOCB	Molecular and Cellular Biology	2504 Chemistry Building	Mandatory	Registrations Office	Mandatory	Registrations Office
MUSC	Music	2110 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
NUSC	Nutritional Sciences	2145 Animal Science	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
PCOM	Public Communication	2109 Journalism	Optional	Registrations Office	Optional	Registrations Office
PHIL	Philosophy	4360 Computer Science Center	Mandatory	Registrations Office	Mandatory	Registrations Office
PHYS	Physics	1120 Physics Bldg	Mandatory	Department	Mandatory except 799/899	Registrations Office
POSI	Policy Studies	1212 LeFrak Hall	Mandatory	Department	Mandatory	Registrations Office
POUL	Poultry Science	3129 Animal Sci Center	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
PSYC	Psychology	1147 Zoo Psyc Bldg	Mandatory	Department	Mandatory	Department
RECR	Recreation	2367 HLHP Bldg	Mandatory	Department	Mandatory	Department
RTVF	Radio-Television-Film	0123 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
RUSS	Russian	3215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
SOCY	Sociology	2108 Art/Socy Bldg	Mandatory	Department	Mandatory except 799/899	Department
SPAP	Spanish Language and Literature	2215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
SPCM	Speech Communication	2123 Skinner	Mandatory	Registrations Office	Mandatory	Registrations Office
STAT	Mathematical Statistics	1112 Math Bldg	Mandatory at appointment or at GA Orient	at appointment or Orientation	Mandatory	Department
THET	Theatre	0240 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
TOXI	Toxicology	0300 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
ZOOL	Zoology	3210 Zoo/Psyc Bldg	Mandatory	Registration Office	Optional	Registration Office
INTERCAMPUS ENROLLMENT PROGRAM: UMAB UMBC UMES UMUC						
Intercampus Student		1108 Mitchell Bldg	at Home Campus	Office of Special Programs at Host Campus Intercampus Form Must be attached	at Home Campus Intercampus Form MUST be attached	Office of Special Programs at Host Campus Intercampus Form MUST be attached

The Consortium of Universities of the Washington Metropolitan Area

The Consortium of Universities of the Washington Metropolitan Area consists of American University, The Catholic University of America, Gallaudet University, George Mason University, George Washington University, Georgetown University, Howard University, Marymount University, Mt. Vernon College, Trinity College, University of the District of Columbia, and the University of Maryland at College Park. Students enrolled in these institutions are able to attend certain classes at other campuses and have the credit considered "residence" credit at their own institution. Payment of tuition for courses will be made at the student's home campus. Any eligible degree seeking graduate undergraduate student may participate in this program according to the following stipulations.

a. Golden ID students are not eligible to enroll in courses through the Washington Area Consortium with waiver of fees.
b. Neither the faculty and staff tuition remission program (this includes assistantships, fellowships, etc.) nor the partial tuition waiver program for spouses and dependents of University of Maryland employees may be used for courses taken through the Washington Area Consortium.

Students whose fees are remitted through these programs and who are interested in enrolling in courses at Consortium schools will be expected to pay for the course or courses at the appropriate College Park credit hour rate for the semester in which they enroll.

A. Procedure for UMCP Students

Eligible Graduate Students

1. Must be degree seeking.
2. Need approval of the Departmental Director of Graduate Studies.
3. No more than 25% of course credits may be taken at other Consortium schools.
4. Practica, internships, workshops and similar experiential learning courses cannot be taken at other Consortium schools.
5. Comparable courses offered at UMCP may not be taken through the Consortium.

Eligible Undergraduate Students

1. Must be degree seeking.
2. Must have junior standing (56 credits). An exception to this policy is approval for courses in Army and Navy ROTC programs.
3. Need prior written approval of the following:
   a. The student's major department.
   b. The comparable UMCP department if the course is outside the major department.
   c. The student's Dean.
4. Practica, internships, workshops and similar experiential learning courses cannot be taken at other Consortium schools.
5. **Comparable courses offered at UMCP may not be taken through the Consortium.** The intention is to allow students to take an occasional course to augment a program rather than to develop an individual program.

Registration for UMCP Students

1. Contact the department offering the course at the institution to be visited. This will determine if the course is open to Consortium students and if there are any special conditions, e.g., prerequisites, special fees. Special fees must be paid directly to the visited institution.
2. Contact the Consortium coordinator in the UMCP Registration Office Room 1108 Mitchell Bldg. 314-8239 to obtain the "Permission to Enroll in the Consortium Program" form. (Complete one form for each institution at which you wish to take courses.)
3. Acquire appropriate approvals and signatures on the "Permission to Enroll in the Consortium" form and return to the UMPC Consortium coordinator. **Permission will not be granted if a comparable course is offered at UMCP.**
4. Pass/Fail or audit grading options are not permitted for Consortium courses.
5. A Consortium Registration Form will be filled out with the Consortium coordinator.
6. A copy of this form will be used as an identification card at the visited institution.
7. Show identification card (registration form copy) to the instructor of the course to confirm enrollment, but keep the card.
8. If the course is cancelled or if you change or drop the course, immediately contact the Consortium coordinator at UMCP.
9. UMCP course change deadline apply for students visiting other Consortium institutions.
10. Grades earned by College Park students at other Consortium institutions in courses taken through the Consortium arrangement will be converted into the College Park grading system. These grades are used in the calculation of the cumulative grade point average.
11. Courses taken for credit through the Consortium in the student's final thirty hours must have prior approval from the student's college dean.

NOTE: Consortium courses will be included in the semester credit load of 12 hours for financial aid purposes.

Only the following George Washington University, NROTC courses will apply to UMCP degrees.

NS 051 Introduction to Naval Science (2 credits)
NS 126 Seapower in Maritime Affairs (3)
*NS 150 Navigation (3)
NS 160 Evolution of Warfare (3)
NS 175 Leadership and Management I (3)
NS 176 Leadership and Management II (2)

*Prior to Fall 1987 NS 150—Navigation is not applicable for UMCP degree programs.

B. Procedure for Visiting Students

Students from other Consortium schools may register for University of Maryland at College Park courses on a space available basis beginning with the first day of classes, Sptember 7, 1993 for the Fall 1993 semester. Visiting Consortium students are not eligible to register for Instructional Television courses or professional education courses.

Students will be expected to meet all prerequisites of UMCP courses. Also, prior approval will be required for courses restricted to special UMCP majors and permission only courses. See individual course listings in this SCHEDULE for course restriction information. Also, see page 31 "How to Read Course Listings."
Visiting students must register at both their home campus and at UMCP.

1. Contact the UMCP Consortium coordinator on 314-8239 room 1108 Mitchell Bldg.
2. Fill out UMCP Schedule Request form with requested courses.
3. A visiting student cannot audit any UMCP courses.
4. Present to the UMCP coordinator the third copy of the Consortium Registration Form completed by your home campus.
5. The coordinator will officially register you for the UMCP courses. Please keep copies of the Schedule Request/Schedule Adjustment form for your records.
6. If the course is cancelled or if you change or drop the course, immediately contact the Consortium coordinator at the visiting campus and your home campus.

Dates Classes Begin for Consortium Schools

American University	August 30
Catholic University	September 1
Gallaudet University	September 7
George Mason University	August 30
George Washington University	August 30
Georgetown University	September 1
Howard University	August 23
Marymout University	September 3
Mount Vernon College	August 30
Trinity College	Undergraduate-August 31 Graduate-September 7
University of the District of Columbia	TBA
University of Maryland at College Park	September 7

Inter-Institutional Registration Procedures

Undergraduate students have the opportunity to take courses at other University of Maryland System Institutions (host institution) to augment their degree program at UMCP (home institution) under the Concurrent Inter-Institutional Registration program. Students may take courses at the system schools listed below provided they meet requirements of the program.

System Institutions include:

Bowie State University
Coppin State College
Frostburg State University
Salisbury State University
Towson State University
University of Baltimore
University of Maryland at Baltimore
University of Maryland Baltimore County
University of Maryland College Park
University of Maryland Eastern Shore

NOTE: Inter-Institutional Concurrent Registration is not available at University College for UMCP Students.

Program Requirements:

To participate in the program UMCP students must:

a. be in good academic standing
b. be enrolled full-time in a degree program at College Park for the semester in which the course(s) are taken. (Full-time status is defined as a combination of credits taken at College Park, and the request for registration at the host institution.)
c. have approval from their dean for the course to count as resident credit
d. comply with the host institution's registration procedures and deadlines

Enrollment in courses is on a space available basis and visiting students are expected to meet prerequisites or other criteria set by the host institution. Tuition and fees are paid at the home institution, however, fees at the host institution associated with special courses may be assessed.

Registration Procedures

1. Obtain an Inter-Institutional Registration form from the Special Programs Coordinator in Room 1108 Mitchell Building.
2. Complete form and have course approved by your college dean.
3. Return form to Special Programs Coordinator for verification and approval. Retain one copy of approval form for registration at host institution. (The Special Programs Coordinator can provide information about registration dates and times at other University of Maryland System Institutions.)
4. Contact the program coordinator/registrar at the host institution to inquire about and arrange for registration. Registration will be according to the host's institutional policies and deadlines. Special permits, parking or other fees at the host institution are the responsibility of the student.
5. Upon completion of the course, the host institution will forward an official transcript to the home institution reflecting the grade(s) earned in the course(s) taken there. Records and Registrations will post the grade(s) to the student's record and note that the course(s) were taken as part of the Inter-Institutional program, and where. Course grades will be calculated in the student's g.p.a. and academic totals at UMCP.

Complete procedures can be found on the *University of Maryland System, Application for Inter-Institutional Enrollment* form available from Jane Graham, Special Programs Coordinator, Room 1108, Mitchell Building, 301-314-8239.

Faculty - Staff Registration Procedures and Remission of Tuition

Faculty and staff who wish to register for courses must be admitted to the University as an undergraduate or graduate student prior to registration. Follow the steps listed below:

STEP 1: Contact department representative responsible for processing Tuition Remission forms. Complete the forms and make sure they are forwarded to the Personnel Services Department, 1101 Administrative Services Building.

Tuition Remission: Every semester an approved Tuition Remission form must be turned in to the College Park Personnel Services Department - Staff Benefits Office in order to receive credit on the student bill for courses taken by faculty and staff members. The authorizing department will forward this form directly to the Personnel Services Department. Each faculty and staff member should check with his/her department to ascertain that the proper forms have been submitted before the scheduled deadlines. Tuition remission benefits are administered in accordance with University Policy. Questions regarding employee tuition remission? Call the Staff Benefits Office at 405-5654.

Deadline to submit Tuition Remission Form for Fall 1993

a. Early Registrants — before August 20, 1993
b. Students registering after August 20, 1993 - must submit Tuition Remission form and settle their account in full before 3:00 p.m. on the Monday following their registration.

All Forms Must Be Submitted No Later Than September 3, 1993

STEP 2: Contact the appropriate admissions office if necessary:

• Undergrad Admissions	Mitchell Bldg.(basement)	314-8385
• Graduate Admissions	Lee Bldg. (2nd floor)	405-4198
• Non-degree seeking faculty (registration is on a space available basis)	Contact Jane Graham 1118 Mitchell Bldg.	314-8239

STEP 3: Follow appropriate Registration Procedures. If you have any questions call Registrations at 314-8240.

Undergraduate Students read page 5
Graduate Students read page 9

Teacher's Registration

WHO? Teachers who have previously been admitted to the University of Maryland College Park Campus, either graduate or undergraduate, and who were enrolled for Spring 1993.

Undergraduate Students - Apply for readmission at the Office of Undergraduate Admissions, lower level, Mitchell Building 314-8382 where a registration form will be issued. See page 5 for Fall 1993 registration procedures.

Graduate Students - Check with Graduate School Admissions, 405-4198, to determine eligibility. See page 9 for Fall 1993 registration procedures.

Fall 1993 Deadlines

Type of Change	Last Day to Process Change
ADD A COURSE	September 20
CANCEL REGISTRATION for Fall 1993	September 3
CANCEL RESIDENT LIFE (ON-CAMPUS) HOUSING/DINING SERVICES *(without cancellation charges)*	July 13, 1993
CHANGE FROM FULL-TIME TO PART-TIME *Undergraduates for billing purposes*	See Penalties for Drops below
CHANGE CREDIT LEVEL	September 20
DIPLOMA APPLICATION *for December 1993 Graduation and diploma dated December 1993*	September 20
DROP A COURSE—*Full-time Undergraduates only*	
*without "W" mark	September 20
*with "W" mark (4 credit drop limit)	November 15
DROP A COURSE WITH REFUND *Graduate Students & Part-time Undergraduates only*	See Penalties for Drops below
CHANGE GRADING OPTION	September 20
GRADUATE MAIL-IN REGISTRATION	August 20
GRADUATE STUDENTS—LAST DAY TO ADJUST SCHEDULE	November 15
Graduate students do not receive "W"s. They must have a department stamp to add courses after September 20.	
LATE REGISTRATION	September 20
Withdraw From All Courses	
WITHDRAW WITH 100% REFUND (CANCEL)	September 3
WITHDRAW WITH 80% REFUND	September 20
WITHDRAW WITH 60% REFUND	September 27
WITHDRAW WITH 40% REFUND	October 4
WITHDRAW WITH 20% REFUND	October 11
WITHDRAW WITH 0% REFUND	December 13

GO TO ROOM 1101 MITCHELL BLDG. TO PROCESS A WITHDRAWAL. SEE PAGE 14 FOR WITHDRAWAL INFORMATION.

SCHEDULE ADJUSTMENT PERIOD ENDS AT 4:30 P.M., SEPTEMBER 20, 1993

***A "W" is used to indicate withdrawal from a course in which the student was enrolled at the end of the Schedule Adjustment Period. This mark is NOT used in any computation of quality points or cumulative average totals at the end of the semester.**

Cancellation of Registration

Students who register and later decide not to attend the University must **CANCEL** their registration **BY SEPTEMBER 3, 1993.** Failure to cancel registration will result in financial obligation to the University even though the student does not attend class.

To Cancel Your Registration on or before September 3, 1993:

1. Your cancellation request must be received in writing by:
   Office of Registration—Rm. 1130
   Mitchell Building, University of Maryland
   College Park, Maryland 20742

Since the University can honor only those requests for cancellation which are actually received by September 3, 1993, requests should be sent by Registered Mail. PLEASE INCLUDE STUDENT'S SOCIAL SECURITY NUMBER ON ALL CORRESPONDENCE

2. For additional information concerning cancellation call the Registration Office at 314-8218.
3. Cancellation of Housing and Dining Services is a separate process. See page 14 for information.

Penalties for Drops During Schedule Adjustment

Full-time undergraduate students do not receive a refund for courses dropped if the total number of credits for which they are registered remains 9 or more.

PRIOR TO THE FIRST DAY OF CLASSES, SEPTEMBER 3, 1993 OR EARLIER, if a full-time undergraduate student drops a course or courses, thereby changing the total number of credits for which the student is registered to *8 or less,* charges for the semester will be assessed on the basis of the per credit hour fee for part-time students. However, if the student later adds a course or courses, thereby changing the total number of credits for which the student is registered to *9 or more,* the student will be charged for the difference between per credit hour fees paid and the general fees for full-time undergraduates.

If during the FIRST FIVE DAYS OF CLASSES, SEPTEMBER 7-13, a full-time undergraduate drops a course or courses thereby changing the total number of credits for which he/she is registered to eight or less, charges for the semester will be assessed on the basis of part-time charges plus 20% of the difference between the full-time fees and appropriate part-time charges. **After the first five days of classes, there is no refund for changing from full-time to part-time status.**

Refund Schedule for Drops Graduate Students and Part-Time Undergraduates

Both graduate students and part-time undergraduates are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. September 3 or earlier (prior to the first day of classes) ..... 100% refund
   There will be no charge for courses *dropped* prior to this date.
2. September 7-13 (First five days of classes) ..... 80% refund
   There will be a 20% charge imposed for courses *dropped* during this period.
3. September 14 and after ..... 0% refund
   Student will incur full charge for courses *dropped* during this period.

To insure additional charges are not imposed when dropping and adding, the transactions must be accomplished on the same day and the total number of credits dropped and added must be equal.

Candidates for December 1993 Graduation

Deadline to apply for a diploma dated December 1993 ..... September 20, 1993

Both graduate students and undergraduate students must file an application for a diploma dated December 1993 in the Registration Office by September 20, 1993. Applications are available at the Registration Office Counter, 1st Floor Lobby, Mitchell Building, 8:30 a.m. to 4:30 p.m., Monday through Friday.

Reclassification to In-State Status

If you wish to challenge your out-of-state classification you may do so by filing a timely application for In-State Status. The deadline for meeting all requirements for in-state status and for submitting an application and supporting documentation is the last day of late registration for the semester you wish to be classified as an in-state student.

Deadline for Fall 1993 ..... September 20, 1993

It is imperative that students who wish to request a review of the eligibility for in-state classification submit the required documents to the appropriate office as soon as possible. The volume of requests for reclassification may necessitate a delay in completing the review process. It is hoped that a decision in each case will be made within ninety (90) days of receipt of a complete application including all necessary documentation. It is to your advantage to apply early. Late *applications* will not be accepted.

Applications for review of eligibility, related documentation and questions concerning the University of Maryland policy for the determination of in-state status should be directed to:

Residency Classification Office
Room 0405B
Marie Mount Hall
405-2030

Refunds for Special Courses

COOP 098/099, MATH 001, MATH 002—Refunds: A part-time or full-time undergraduate who drops MATH 001 or MATH 002, will receive an 80% refund of the special fee if the course is dropped during the first five (5) days of classes and 0% thereafter. MATH 001 or MATH 002 will still be counted in the determination of hours for full-time or part-time status, not withstanding the refund policy. A part-time or full-time undergraduate student who drops COOP 098/099, or ENCO 098/099 will receive an 80% refund of the fee if the course is dropped during the first five (5) days of classes and 0% thereafter.

Refund Requests

To obtain a refund from your student account you must apply in writing. This can be done by either: (1) addressing a letter to the Office of the Bursar, Lee Building; University of Maryland, College Park, MD 20742, or (2) visiting our office in person: Student Accounts, Lee Building, Room 1135, 8:30 a.m. to 4:30 p.m., Monday-Friday. No credit balance is automatically refunded.

Refunds from payments originally made by cash or check are ordered from the State Treasurer's Office in Annapolis. They are made payable to the student and take approximately 3 weeks after the credit appears on the account to be mailed to the student's permanent address of record. Student's with a credit balance of $100.00 or less may be entitled to a cash refund. Please visit our office with an identification card to obtain the cash refund voucher.

Refunds from payment originally made with a credit card must be refunded to the card originally charged. Credit card refunds are processed electronically and take approximately 1 week after the credit appears on the account. Please include your credit card number and expiration date in your request. A credit receipt will be mailed to the address listed on the refund request.

Tuition, Fees and Other Expenses

ALL STUDENTS WHO REGISTER FOR THE FALL SEMESTER INCUR A FINANCIAL OBLIGATION TO THE UNIVERSITY. Financial policy and fees are set by the University with the approval of the Board of Regents.

TUITION PLAN

The University currently sponsors two payment plans for use in paying tuition, room, board and telecommunication fees: The **MONTHLY BUDGET PROGRAM** permits payment for the entire academic year to be spread out in 10 equal monthly payments beginning June 1. There is an annual $50.00 non-refundable participation fee for enrolling in the program but there are no interest or finance charges connected with this plan. **In the event two consecutive payments are missed (45 days past due) the account will be terminated and the balance immediately due and payable to the University. Once terminated, an account cannot be reinstated.**

The semester **THREE PAYMENT PLAN** (if offered) allows students to divide payment of tuition, room, board and telecommunication charges for a semester into three payments, the first 1/3 due at the time of enrollment, with subsequent payments due March 1 and April 1. In addition to a $20.00 participation fee EACH semester, this plan includes additional carrying charges. The total costs associated with the THREE PAYMENT plan are as follows:

TOTAL BILL	TOTAL COST
$1000-1500	$ 30
$1501-2000	$ 40
$2001-2500	$ 50
$2501-3000	$ 60
$3001-3700	$ 70
$3701-4500	$ 80
$4501-5300	$ 90
$5301 and above	$100

NOTE: Only current year tuition, room, board and telecommunications charges are eligible for either of these plans. PREVIOUS SEMESTER BALANCES AND CHARGES INCURRED DURING THE SEMESTER ARE NOT ELIGIBLE FOR THESE PLANS.

Questions about the payment plans can be directed to the **TUITION PLAN** at 1-800-343-0911.

Returning students will not be permitted to complete registration until all financial obligations to the University including current semester fees, library fines, parking violation assessments and other penalty fees and the service charges are paid in full. If a student registers without proper financial clearance from the Office of the Bursar, his/her registration will be cancelled without further notice. If a student becomes financially ineligible after registering, his/her registration will be cancelled unless and until his/her account balance is paid in full by a prescribed date.

PLEASE NOTE: PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA OR MASTERCARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. HOWEVER, PHONE-IN PAYMENTS CAN ONLY BE ACCEPTED BY CALLING THE BURSAR'S VOICE RESPONSE SYSTEM AT 403-4641.

Although the University regularly mails bills to students, it cannot assume responsibility for their receipt. Students are urged to obtain a copy of their financial account in Room 1135 of the Lee Building, or by phoning 405-9041, if they are not certain their account is paid in full. This office is open from 8:30 a.m. to 4:30 p.m. Monday through Friday. Students may also obtain their account balance by phoning 403-4641 from a touchtone telephone.

CHARGES INCURRED DURING THE SEMESTER ARE PAYABLE IMMEDIATELY.

A student who wishes to dispute a specific item on their bill must contact the appropriate University department that initiated the charge to discuss the nature of the adjustment, if any, or the appropriateness of the bill. If, after discussing the bill with the originating department, a student still wishes to dispute the charge, any appeal must be made in writing and sent to the Office of the Bursar. It is emphasized that any portion of the bill *not* in dispute must be paid in accordance with the due date on the bill. All checks or money orders should be made payable to the University of Maryland for the exact amount due. The student's social security number must be written on the check.

Late Payment Fee: Students who fail to pay the balance due on their accounts are subject to an initial late fee of 5% of the outstanding balance or $10.00, whichever is greater. A 1.5% finance charge is assessed each month thereafter.

The state has established, under legislative mandate, a CENTRAL COLLECTION UNIT within the Department of Budget and Fiscal Planning. This campus has been instructed that all delinquent accounts must be transferred to the State Collections Unit. ALL ACCOUNTS DUE FROM STUDENTS, FACULTY, STAFF, NON-STUDENTS, ETC. ARE INCLUDED WITHIN THESE GUIDELINES.

Collection Costs: incurred in collecting delinquent accounts will be charged to the student. The University is required by State law to refer past due accounts to the State Central Collections Unit. The minimum collection fee is 17% plus any attorney and/or court costs. This collection fee is separate and distinct from any late payment fee the student may already have incurred and will not be reduced or offset by the amount of that late payment fee.

NOTE: STATE CENTRAL COLLECTIONS UNIT IS AUTHORIZED BY STATE LAW TO USE AN INDIVIDUAL'S STATE INCOME TAX REFUND AS AN OFFSET TO PAY INDEBTEDNESS TO THE STATE OF MARYLAND.

NO DEGREE WILL BE CONFERRED, NOR ANY DIPLOMA, CERTIFICATE, OR TRANSCRIPT OF RECORD ISSUED TO A STUDENT WHO HAS NOT MADE SATISFACTORY SETTLEMENT OF HIS OR HER ACCOUNT.

Mandatory Fees

The Auxiliary Facilities Fee: Refundable upon withdrawal. $26.50 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate students are charged $10.00. The Auxiliary Facilities Fee is paid into a fund which is used for capital improvement, expansion and construction of various campus facilities such as open recreation areas (tennis courts, basketball courts, etc.), transportation alternatives (shuttle busses), and The Stamp Union Building. These capital projects are not funded or are funded only in part from other sources.

The Student Activities Fee: Refundable upon withdrawal. $23.00 -- Charged to all Full-Time Undergraduates. Part-Time Undergraduates are charged a fee of $12.00. Graduate students are charged a fee of $2.00. The Student Activities Fee is charged at the request of the Student Government Association and is used to provide for student activities, student publications, and cultural programs.

The Athletic Fee: Refundable upon withdrawal. $75.00 — Charged to all Full-Time Undergraduates. Part-Time Undergraduate and all Graduate Students are charged $20.00. The Athletic Fee is charged for the support of the Department of Intercollegiate Athletics. All students are encouraged to participate in all of the activities of this department or to attend the contests if they do not participate.

The Student Health Fee: Refundable upon withdrawal. $34.50. — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $23.00. The Student Health Fee is charged for the support of the Health Service facility. Charges for special services (X-rays, prescription, etc.) are due **when received.**

The Shuttle Bus Fee: Refundable upon withdrawal $28.00 — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $14.00. The Shuttle Bus Fee is charged for the support of the Shuttle Bus Transportation System.

The Stamp Union and Recreational Fee: Refundable upon withdrawal $72.50 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $37.00. The Stamp Union and Recreation Fee is paid into a fund which will be used to expand recreational facilities and Stamp Union Services.

The Building Recreation Fee: Refundable upon withdrawal. $30.00 -- Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $20.00. The Building Recreation Fee is paid into a fund which supports the construction and operation of Ritchie Coliseum and the new Campus Recreation Building.

The Academic Services Fee: Non-Refundable. $18.00 — The Academic Services Fee is charged to all registrants each semester.

Other Fees

Payment of Fees: All checks, money orders or postal notes should be made payable to the University of Maryland and mailed or delivered to: Office of Bursar, University of Maryland, College Park, MD 20742. The student's social security number must be written on the front of the check.

Undergraduate Application Fee: $30.00 — Charged to all new Undergraduate Applicants. Those who have previously enrolled at the University of Maryland at College Park will not be required to pay the fee.

Graduate Application Fee: $40.00 required of all students.

Pre-College Orientation Program Registration Fee: $88.00 (two day program) $32.00 (one parent)
$61.00 (one day program) $64.00 (two parent)

Late Registration Fee: $20.00. All students are expected to complete their registration before the first day of classes. Those who do not complete their initial registration prior to the first day of classes will be assessed this fee.

Special Fee for students requiring additional preparation in Mathematics. MATH 001 or MATH 002 -$155.00 per semester. These special fees are in addition to course charges. (Note that MATH 001 is required of students whose curricula call for MATH 110 or 115 and who fail in qualifying examination for these courses.)

A student enrolled in MATH 001 and concurrently enrolled for six or more credit hours will be considered as a full-time student for purpose of assessing fees. Students taking only MATH 001 or MATH 002, pay for three credits plus the special fee. A 3-credit course plus MATH 001 or MATH 002 results in a charge for 6 credits plus the special fee. A full-time student pays full-time tuition plus the special fee.

Cooperative Education Program in Liberal Arts and Business (COOP 099): $60.00 each

Engineering CO-OP Program (ENCO 099): $60.00 each

Fees for Auditors and courses taken for audit are the same as those charged for courses taken for credit to determine whether or not an undergraduate student is full-time or part-time for fee assessment purposes.

Special Students are assessed fees in accordance with the schedule for the comparable undergraduate classification.

Special Examination Fee: $30.00 per course for all undergraduates and full-time graduate students. Credit-hour charge for part-time graduate students. (See page 9 or 22 for definition of full-time and part-time graduate status).

Vehicle Registration Fee: Commuters $26.00. Residents $48.00 (Fees are subject to change). Fee is required of all students registered for classes on the College Park Campus and who drive on campus.

Textbooks and Supplies: Textbooks and classroom supplies vary with the course pursued, but will average $275.00 per semester.

Service Charges for Dishonored Checks: Payable for each check which is returned unpaid by the drawee bank on presentation because of insufficient funds, payment stopped, post-dating against uncollected items, etc.

For checks up to $100.00: $10.00
For checks from $100.01 to $500.00: $25.00
For checks over $500.01: $50.00

When a check is returned unpaid, the student must redeem the check and pay any outstanding balance in the account within 10 days or all University services may be severed and the account transferred to the State Central Collection Unit for legal follow-up. Additionally, a minimum 15% collection charge is added to the charges posted to the student's account at the time the transfer is made. When a check is returned unpaid due to an error made by the student's bank, the student must obtain a letter from the branch manager of the bank or a person of equivalent status admitting such an error. This letter must be submitted to the Office of the Bursar to have the service charge waived.

Fees for Fall Semester 1993

An Important Fee Notice. Although changes in fees and charges will ordinarily be announced in advance, the University reserves the right to make such changes without previous announcement.

General Fees—(*Includes mandatory fees)

[1] Full-time Undergraduate Students, Maryland Residents **1,589.50**
[1]Full-Time Undergraduate Students from District of Columbia and other states and other countries **4,391.50**

PART-TIME UNDERGRADUATES—(In-state and out-of-state enrolling for 8 credit hours or less) $145.00 per credit hours[2]

Credit Hours	1	2	3	4	5	6	7	8
*Cost	299.00	444.00	589.00	734.00	879.00	1024.00	1169.00	1314.00

*Includes All Mandatory Fees

GRADUATES IN-STATE — $189.00 per credit hour[2]

Credit Hours	1	2	3	4	5	6	7	8	9	10	11	12	13
*Cost	333.00	522.00	711.00	900.00	1089.00	1278.00	1467.00	1656.00	1916.00	2105.00	2294.00	2483.00	2672.00

*Includes All Mandatory Fees

GRADUATE OUT OF STATE—$324.00 per credit hour[2]

Credit Hours	1	2	3	4	5	6	7	8	9	10	11	12	13
*Cost	468.00	792.00	1116.00	1440.00	1764.00	2088.00	2412.00	2736.00	3131.00	3455.00	3779.00	4103.00	4427.00

*Includes All Mandatory Fees

Campus Point Plan	Lite	992.00[4]
	Regular	1092.00[4]
	Plus	1192.00[4]
Room, University Residence Hall, Maryland Residents/Non-Residents		1409.50[4]
Telecommunications Fee		70.00[4]
Parking Registration Fee (valid through August 1994)	Campus Resident	48.00[4]
	Commuter	26.00[4]
Special Mathematics Fee (MATH 001/002)		155.00
Special Engineering COOP Fee (ENCO/099)		60.00[3]
Special COOP Fee (COOP/099)		60.00[3]
Continuous Registration Fee (Doctoral Candidates)		10.00
Late Registration Fee (beginning September 7, 1993)		20.00
Credit by Exam Fee		
All undergraduate and Full-Time Graduate Students (per course)		30.00
Part-Time Graduate Students (per credit hour)		See Above
Audit courses are charged the same as a course taken for credit.		
Maryland English Institute—Intensive		3131.00
Maryland English Institute—Semi-Intensive Program		1566.00
Maryland English Institute—Pronunciation Program		265.00
Maryland English Institute--Fluency Program		530.00
Orientation Fees:		
Student One Day		61.00
Student Two Days		88.00
One Parent		32.00
Two Parents		64.00

[1]FOR BILLING PURPOSES UNDERGRADUATE FULL—TIME STATUS IS DEFINED AS A REGISTRATION FOR 9 CREDITS OR MORE.
[2]A STUDENT WHO HAS BEEN ADMITTED TO THE GRADUATE SCHOOL WILL BE CHARGED THE GRADUATE CREDIT HOUR FEE FOR ALL COURSES REGARDLESS OF THE LEVEL OF THE COURSE.
[3]A $18.00 FEE WILL BE CHARGED FOR SPECIAL COURSE REGISTRATION.
[4]RATES FOR 1993-94 WILL BE DETERMINED BY THE BOARD OF THE REGENTS AT THEIR MAY 1993 MEETING.

Library Charges: $.35—Fine for failure to return a book from General Library before expiration of loan period per day. Fine for failure to return book from Reserve Shelf before expiration of loan period: First hour overdue on first day: $1.00; after first hour on first day: $.75 per hour for each hour open up to maximum of $45.00 per item. In case of loss of mutilation of a book, satisfactory restitution must be made.

Motor Vehicle Penalties: These are described in Traffic Rules and Regulations.

Property Damage Charges: Students will be charged of damage to property or equipment. Where responsibility for the damage can be fixed, the individual student will be billed for it; where responsibility cannot be fixed, the cost of repairing the damage or replacing equipment will be pro-rated among the individuals involved.

Late Payment Fee: Students who fail to pay the balance due on their account are subject to an initial late fee of 5% of the outstanding balance or $10.00, whichever is greater. A 1.5% finance charge is assessed each month thereafter.

Billing Information

Bills for payment of fees are mailed in July and August to students who have registered prior to August 21 for Fall 1993 courses. PAYMENT IN FULL MUST BE MADE NO LATER THAN SEPTEMBER 17, 1993 BY ALL REGISTERED STUDENTS. Accounts not paid by September 17, 1993 are delinquent and subject to the assessment of a late payment of $10.00 or 5%, whichever is higher, and referral to the State Central Collections Unit in Baltimore and/or cancellation of registration. Students with Stafford Loans must pay their bill in full in the event their loan check has not been received by the University by September 17, 1993.

For student convenience, payment by mail is encouraged; however, payment also may be made at the Office of the Cashier, Lee Building. Students may pay in person at the Office of the Cashier, 8:30 a.m. to 4:30 p.m. Monday through Friday, where they are required to present a Student ID Card with payment. Also students, if paying by personal check may drop the payment in the Bursar's Mail Remittances hallway drop slot in the Lee Building, any time that the building is open. If a student uses the drop slot, the processed check will serve as a receipt. Be sure the Social Security number is clearly written on the front of the check.

PLEASE NOTE: PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA OR MASTERCARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. PHONE-IN PAYMENTS CAN BE MADE BY CALLING 403-4641.

Periodically during the semester bills will be mailed to the student's permanent address reflecting charges incurred for parking tickets, library fines, course adjustments, etc. These bills are due ON RECEIPT. THE UNIVERSITY CANNOT ASSUME RESPONSIBILITY FOR THEIR DELIVERY.

Students who register after August 20, 1993 will be required to make full payment in person to the cashier by the close of business on the Monday following their registration to avoid cancellation of their schedule and loss of their seats to other students. MAIL PAYMENTS, PHONE PAYMENTS, POSTMARK DATES, AND USE OF "DROP BOXES" WILL NOT SATISFY THIS DEADLINE.

Students who have questions about their bills may obtain print-outs of their financial accounts by coming to Room 1135 of the Lee Building between 8:30 a.m. and 4:30 p.m. Monday through Friday.

Each student is individually responsible for all of his or her fees and expenses. If a third party, such as an employer, agrees to pay these charges, the student is not relieved of his or her primary responsibility. In the event such third party fails to honor its agreement, the University reserves the right to bill the student directly. Failure to pay this bill thereafter will result in the suspension of services to the student by the University and transfer of the account to the State Central Collection Unit. WHEN A PAYMENT IS MADE TO THE UNIVERSITY, PAYMENT OF ANY OUTSTANDING BALANCE PRECEDES PAYMENT OF CURRENT INDEBTEDNESS. That is, the oldest account balance is liquidated first.

FAILURE TO PAY OUTSTANDING DEBTS WILL RESULT IN ADDING A LATE PAYMENT FEE OF $10.00 or 5%, WHICHEVER IS HIGHER PLUS A 1.5% MONTHLY FINANCE CHARGE, AND TRANSFER OF THE ACCOUNT TO THE STATE CENTRAL COLLECTIONS UNIT. A MINIMUM OF 17% COLLECTIONS CHARGES ARE ADDED AT THIS TIME. THIS COLLECTION FEE IS SEPARATE AND DISTINCT FROM ANY LATE PAYMENT FEE THIS STUDENT MAY ALREADY HAVE INCURRED AND WILL NOT BE REDUCED OR OFFSET BY THE AMOUNT OF THAT LATE PAYMENT FEE.

MARYLAND LAW ALLOWS THE CENTRAL COLLECTION UNIT TO BLOCK ISSUANCE OF MARYLAND STATE INCOME TAX REFUNDS FOR INDIVIDUALS WITH DELINQUENT ACCOUNTS.

Tuition Remission Policy (Spouse and Dependent Children)

The University Board of Regents approved a tuition remission policy in 1990 for spouse and dependent children of permanent employees (50% time or more). The policy provides full tuition for a spouse and dependent children of permanent full time (100%) employees. The spouse and dependent children of permanent part-time (50% or more) employees will be eligible for tuition remission based on the percent of time on the payroll. Restrictions apply for spouse and dependent children of permanent employees hired on or after January 1, 1990. In addition, tuition remission benefits for the spouses and dependent children of permanent faculty and permanent staff whose period of employment began on or after July 1, 1992 shall be available only after the faculty or staff member has been in the university services for two years prior to the anticipated date of registration for course work. Forms are available at each campus personnel department. If using the benefit at UMCP, after obtaining the department head signature, the completed tuition remission form is to be hand carried, in a sealed envelope to the UMCP Personnel Services Department Staff Benefits Office no later than July 1, 1993. If the established cap has not been reached by July 1, 1993, all forms submitted to-date will be approved, and forms will continue to be accepted and processed on a first-come, first-served basis until the cap is reached. If the student receiving the tuition remission drops classes or withdraws from the University, all or part of the tuition costs may be charged to the student. Questions regarding tuition remission for the spouse and dependent children of employees can be directed to the Personnel Services Department Staff Benefits Office, 405-5654.

Financial Aid Information

Summer 1993

A limited amount of financial aid may be available for degree-seeking UMCP students for the summer 1993 sessions. To be considered, you must have on file the 1992-93 Financial Aid Form (FAF), you must complete a supplemental Summer Application, and you must attempt at least six credits during the summer sessions. The 1992-93 FAF is available now at the Office of Student Financial Aid (OSFA), Ground Floor, Lee Building. The Summer Aid Application will be available at OSFA by April 1, 1993.

1993-94 Academic Year

To be considered for any type of financial aid for the 1993-94 academic year, including student loans, you must file the Free Application for Federal Student Aid (FAFSA), available from the Office of Student Financial Aid (OSFA). Applications received by **February 15, 1993** receive priority consideration for the coming year's financial aid. In order for funds to be available for fall registration, the FAFSA should be filed no later than May 1, 1993.

General Regulations Governing Receipt of Aid

Any student receiving financial aid who is contemplating dropping credits should see his or her Financial Aid Counselor before taking such action. Students receiving certain types of financial assistance are expected to attempt or maintain a minimum semester credit load in order to keep the aid (see the *Financial Aid Award Guide* for specifics). Neither credit earned by examination nor courses taken as "audit" can be counted toward the minimum credit level. If the recipient's enrollment level drops below the minimum requirement, the aid is automatically canceled. The student is then responsible for paying any resulting balance on his or her student account. Failure to pay the balance may lead to severance of services by the university.

A student who has not received final approval of a financial aid award and accepted the award should expect neither a credit on his or her account nor a check at the time of registration. Unless financial aid has been awarded to and accepted by the student, no deferment of the bill will be granted, and the student should be prepared to pay his or her bill by the first day of classes.

Students sponsored by an agency or employer remain responsible for their fees. When payment is not received by the university from the sponsor, the student will be charged.

Students who register early will have their bills mailed to them. Students enrolling during Walk-In Registration will complete an estimated bill form after registering. The following information may be helpful:

1. All accepted aid, except Federal Stafford, Federal SLS, and Federal PLUS loans and National Merit Scholarships, will be credited directly to students' accounts. Checks for any credit remaining after all charges are paid will be automatically requested for those students receiving financial aid. **ALL STUDENTS MUST MAKE APPOINTMENTS TO PICK UP FINANCIAL AID REFUND CHECKS. APPOINTMENTS MAY BE MADE BY CALLING 403-4641 or 405-9025.** Checks will be held at the Office of the Bursar, Room 1118, Lee Building. Before checks may be distributed, students must present proof of registration for the required credit hours, a photo ID card or driver's license, and the fall bill sent to their permanent address. If awarded financial aid has not been credited on the early registration bill, deduct the approved financial aid amount for the semester, and pay the remaining balance.

2. Federal Stafford Loan and Federal SLS Loan checks may be picked up at the Office of the Office of the Bursar, Room 1118, Lee Building. **ALL STUDENTS MUST MAKE APPOINTMENTS TO PICK UP LOAN CHECKS. APPOINTMENTS MAY BE MADE BY CALLING 403-4641 or 405-9025.** Before checks may be distributed, students must present proof of registration for the required credit hours, a photo ID card or driver's license, and the early registration bill, if applicable

3. Dining Hall Workships will be credited to the bill after the recipient signs a Workship contract with Dining Services.

4. Federal Work-Study and other university student employment will be paid to the student bi-weekly as work is performed.

5. Students who are awarded Perkins Loans must submit completed promissory notes and associated forms in order for the loan funds to be credited t their student accounts. The funds cannot be disbursed if the student has not turned in these forms.

6. **Students contemplating a withdrawal should consult a Financial Aid Counselor prior to the withdrawal.** Aid may be canceled or prorated based on attendance.

Satisfactory Academic Progress Policy for Financial Aid

Federal regulations require that universities define and enforce standards of academic progress for students receiving or applying for federal financial aid. To comply with these regulations, the Office of Student Financial Aid has established a Satisfactory Academic Progress Policy. All recipients of financial assistance must comply with the Policy's standards for receipt for renewal of their awards. The policy has been revised, and new requirements will go into effect for the fall 1993 semester. The new Policy will be published in the Second Edition of the Fall 1993 semester. The new Policy will be published in the Second Edition of the Fall 1993 Schedule of Classes. A copy of the Policy is also available from OSFA.

Student Loan Deferment Payment Information

Student Loan verifications must be made using the following guidelines:
UNDERGRADUATES:
To qualify for a deferment the student must maintain the credit levels noted below:
FALL/SPRING SEMESTER:
9 or more Credits to be considered **FULL TIME**
6-8 Credits to be considered **half time**
SUMMER SESSIONS:
6 Credits per session to be considered **FULL TIME**
3 Credits per session to be considered **HALF TIME**
GRADUATE STUDENTS:
Graduate students need to have their schedules converted to units. This is done by using the table on page 9. To be considered for a deferment the student must maintain the units noted below:
FALL/SPRING SEMESTER:
48 Units for **FULL TIME**
Full time Graduate Assistantships = 24 units
24 Units for **HALF TIME**
SUMMER SESSIONS:
24 Units for **FULL TIME**

These guidelines only apply to past loans received by students. Credit level requirements may differ for students applying for Financial Aid; contact the office of Student Financial Aid for more details.

Withdrawal from the University

Procedures for Withdrawal from All Classes

Cancellation of Housing/Dining Contracts is a separate process, see Cancellation of Residence Halls/Dining Services below.

September 7 or later

1. All students should report to Room 1101, Mitchell Building to complete a withdrawal form.
2. Withdrawal becomes effective on the date the form is filed with the Records Office. Stopping payment on a check does not constitute an official withdrawal. A notation of withdrawal and the effective date of the withdrawal will be posted to the permanent record.
3. Tuition credit will be initiated upon receipt of the Withdrawal Form. The percentage of credit is determined by the date the form is filed in the Records Office.
4. Refer to the chart below for refund information. The $18.00 Academic Services Fee is not refundable. Credit adjustments for housing services not utilized are based upon the date of completion of residence halls checkout procedures and not upon the date of withdrawal from classes.
5. Be certain to return all books to the library and clear all financial accounts at the Office of the Bursar, Lee Building. Refunds for credit adjustments will be authorized after all student financial aid adjustments have been processed and any balance remaining on the account has been deducted.

Dates for Refund of Tuition for Withdrawal from All Courses

		Undergraduate Resident	Undergraduate Non-resident
On or before September 3	100%	1589.50	4391.50
September 7-20	80%	1257.20	3498.80
September 21-27	60%	942.90	2624.10
September 28-October 4	40%	628.60	1749.40
October 5-11	20%	314.30	874.70
October 12	0%	0.00	0.00

NOTES:
1. Students who have made no payment on their account at the time of withdrawal will be billed according to the above schedule.
2. In computing refunds to students who have scholarships and loans from University funds, the computation will be made in such a way as to return the maximum amount to the scholarship and loan accounts without loss to the University.
3. Only amounts in excess of the non-refundable enrollment deposit will be refunded.

Cancellation of Residence Halls/Dining Services Agreement

The University will release a student from the *Residence Halls/Dining Services Agreement* prior to claiming services (i.e. keys issued) when written notice has been received by Resident Life's Assignments Office. Please refer to the *Agreement* section IV(D) for more information about deadlines and cancellation fees, or contact Resident Life's Assignments Office (301)314-2100.

Cancellation of the *Residence Halls/Dining Services Agreement* must be sent directly (Certified Mail suggested) to:

Resident Life, Assignments Office
2100 Annapolis Hall
College Park, MD 20742-9123

Note: The $100 Non-Refundable Housing Reservation Fee will not be returned or credited to any outstanding balance owed to the campus.

After a student claims services (i.e., keys issued), charges for housing, dining and resident telecommunications are not refundable unless the student receives written approval for and effectively completes Resident Life and Dining Services release procedures as stated in the *Residence Halls/Dining Services Agreement* or the *Procedures for Release from the Agreement* document.

1. The *Residence Halls/Dining Services Agreement* is for the entire academic year. Therefore, the University will not normally release an individual from the *Agreement* after services are claimed (i.e. keys issued).
2. In some specified cases, however; students may be released from the *Agreement* without incurring financial obligation (beyond occupancy and meal charges) only when Resident Life has received and verified upon a specified date a student's request for release that is based upon the student's withdrawal, graduation, marriage, student teaching, study abroad, co-op work in conjunction with a University sponsored program, or substantial physical or emotional difficulties (verified by the University) which prevent continued participation in the *Agreement.* Such requests for release—effective at the end of the Fall semester—must have been submitted to Resident Life before 4:30 p.m., November 23, 1993 in order to avoid incurring the charges identified in the Cancellation Fee Schedule in Section IV (D) of the *Agreement* in the event the request is approved by Resident Life.
3. Request for release from the *Agreement,* which is to be effective Spring 1994 will not be approved after the first scheduled day of Spring semester classes, except for reasons of disenrollment.

Please contact Resident Life's Assignments Office (301) 314-2100 for more information and other criteria that may allow for release from the *Residence Halls/Dining Services Agreement.*

Refund Requests

To obtain a refund from your student account you must apply in writing. This can be done by either: (1) addressing a letter to the Office of the Bursar, Lee Building; University of Maryland, College Park, MD 20742, or (2) visiting our office in person: Student Accounts, Lee Building, Room 1135, 8:30 a.m. to 4:30 p.m., Monday-Friday. No credit balance is automatically refunded.

Refunds from payments originally made by cash or check are ordered from the State Treasurer's Office in Annapolis. They are made payable to the student and take approximately 3 weeks after the credit appears on the account to be mailed to the student's permanent address of record. Student's with a credit balance of $100.00 or less may be entitled to a cash refund. Please visit our office with an identification card to obtain the cash refund voucher.

Refunds from payment originally made with a credit card must be refunded to the card originally charged. Credit card refunds are processed electronically and take approximately 1 week after the credit appears on the account. Please include your credit card number and expiration date in your request. A credit receipt will be mailed to the address listed on the refund request.

Final Examination Schedule

All final examinations must be held on the examination days of the Official Final Examination Schedule. No final examination shall be given at a time other than that scheduled in the Official Examination Schedule without permission of the department chair. Exams are scheduled with respect to the time the class begins.

A final examination will be given in every undergraduate course. Exceptions may be made with the written approval of the chair of the department and the dean. Please read all sections of the Final Examination Schedule. For additional information, see "Examinations" in the Undergraduate Catalog.

Spring Semester 1993

1. STANDARD FINAL EXAM TABLE

Examination Time	Classes Scheduled
May 12, Wednesday	
8:00-10:00	MWF 10
10:30-12:30	MWF 3 MW 3:30-4:45 SPAN 202
1:30-3:30	BMGT 221, 311, 424 HEBR 112
May 13, Thursday	
8:00-10:00	MWF 11
10:30-12:30	TuTh 2 TuTh 2-3:15
1:30-3:30	MATH 001, 002, 110, 111, 115, 140, 141, 141H, 210 211, 220, 221 240, 241, 241H 246, 246H STAT 100
May 14, Friday	
8:00-10:00	MWF 9 MW 9:30-10:45
10:30-12:30	TuTh 11 TuTh 11-12:15
1:30-3:30	BMGT 310, 332, 422 PHYS 161, 263 FREN 101, 102, 103, 203
4:00-6:00	ECON 201 ITAL 101, 102 CMSC 150, 251
May 15, Saturday	
8:00-10:00	MWF 2
10:30-12:30	TuTh 12 TuTh 12:30-1:45
1:30-3:30	ECON 203 PHYS 121, 262
4:00-6:00	CMSC 103, 112, 113, BMGT 301, 440

Examination Time	Classes Scheduled
May 17, Monday	
8:00-10:00	MWF 1
10:30-12:30	CHEM 103, 104 113, 113H, 233 243, 243H
1:30-3:30	TuTh 9, TuTh 9:30-10:45
May 18, Tuesday	
8:00-10:00	MWF 12 MW 12:30-1:45
10:30-12:30	TuTh 8, TuTh 8-9:15 BMGT 380
1:30-3:30	ENES 102, 220, EDMS 451 RUSS 102, 202
May 19, Wednesday	
8:00-10:00	MWF 8
10:30-12:30	TuTh, 3, TuTh 3:30-4:45
1:30-3:30	GERM 101, 102, 201
4:00-6:00	TuTh 10
7:00-9:00	TuTh 1

2. EXAMS FOR CLASSES BEGINNING AT 4 P.M. AND LATER

Final examinations for classes beginning 4:00 p.m. and later are given on the same day and at the same time the class normally meets during the semester. For example, classes scheduled on Tuesday, 4:15-7:00 p.m. have their exams on Tuesday, May 18 at 4:15 p.m. Classes scheduled on Thursdays at 4:00 p.m. and later have their final exams on Thursday, May 13. Classes that meet both Monday and Wednesday 4:00 p.m. and later should have exams on Wednesday, May 12. Classes that meet both Tuesday and Thursday 4:00 p.m. and later should have exams on Thursday, May 13. Exams will be given in regularly scheduled classrooms. The department will notify faculty of any exceptions to the time and room.

3. COMMON FINAL EXAMS

Final examinations for all sections of the following courses are given at the times listed in the above schedule. Note that these exam times do not depend on the hour or day at which the particular section meets. The rooms in which these examinations will be held will be announced in class.

BMGT 221, 301, 310, 311, 332, 380, 422, 424, 440
CHEM 103, 104, 113, 113H, 233, 243, 243H
CMSC 103, 112, 113, 150, 251
ECON 201, 203
EDMS 451
ENES 102, 220
FREN 101, 102, 103, 203
GERM 101, 102, 201
HEBR 112
ITAL 101, 102
MATH 001, 002, 110, 111, 115, 140, 141, 141H, 210, 211, 220, 221, 240, 241, 241H, 246, 246H
PHYS 121, 161, 262, 263
RUSS 102, 202
SPAN 202
STAT 100

4. EXAMS FOR BMGT COURSES NUMBERED 600 AND ABOVE

Final Examinations for BMGT courses numbered 600 and above are subject to the general guidelines outlined in Notes A, B, & C below. The rooms in which these examinations will be held will be announced in class.

A. Examination time for required MBA courses taught at night are based on the time the course normally meets irrespective of course number.
B. Examination times for required MBA courses that are taught during the day are based on course number irrespective of the time the course normally meets.
C. Examination times for all BMGT courses numbered 600 and above that are not covered by notes A & B will follow the exam schedule at the top of this page. However, exams will be three hours long.

EXAMINATION TIME	CLASSES SCHEDULED		
Wednesday, May 12, 1993	BMGT 631		
	0101	TuTh	12:30- 1:45**
	0201	TuTh	3:30- 4:45**
	0301	MW	2:00- 3:15
Thursday, May 13, 1993	BMGT 611		
	0101	TuTh	9:30-10:45**
	0201	TuTh	11:00-12:15**
	0301	MW	2:00- 3:15
Friday, May 14, 1993	BMGT 671		
	0101	MW	9:30-10:45**
	0201	MW	11:00-12:15**
	0301	TuTh	11:00-12:15
Monday, May 17, 1993	BMGT 690		
	0101	TuTh	9:30-10:45**
	0201	TuTh	11:00-12:15**
	0301	MW	2:00- 3:15***
	0401	MW	3:00- 4:45***
Tuesday, May 18, 1993	BMGT 650		
	0401	TuTh	9:30-10:45**
	0501	TuTh	12:30 - 1:45**
	0601	TuTh	2:00- 3:15
Wednesday, May 19, 1993	BMGT 640		
	0101	MW	3:30- 4:45**
	0201	MW	11:00-12:15**
	0301	MW	2:00- 3:15**

**Sections are given together
***Sections are given together

Fall Semester 1993

1. STANDARD FINAL EXAM TABLE

Examination Time	Classes Scheduled
December 15, Wednesday	
*(Alternate Snow Date-December 19)	
8:00-10:00	TuTh 2 TuTh 2-3:15
10:30-12:30	MWF 11
1:30-3:30	MATH 001, 002, 110, 111, 115, 140, 140H 141, 141H, 210, 211, 220, 221, 240, 241, 241H, 246, 246H STAT 100
December 16, Thursday	
*(Alternate Snow Date-December 19)	
8:00-10:00	TuTh 11 TuTh 11-12:15
10:30-12:30	CHEM 103, 113, 233, 243
1:30- 3:30	MWF 9 MW 9:30 HEBR 111
4:00-6:00	BMGT 311, 424 ENES 100, 220
December 17, Friday	
*(Alternate Snow Date-December 19)	
8:00-10:00	TuTh 8 TuTh 8-9:15
10:30-12:30	MWF 2
1:30-3:30	ECON 203 EDMS 451 ITAL 101, 102, 203 SPAN 202
4:00-6:00	BMGT 310, 422, 440 CMSC 150 PHYS 121, 161, 262, 263

Examination Time	Classes Scheduled
December 18, Saturday	
*(Alternate Snow Date-December 19)	
8:00-10:00	MWF 1
10:30-12:30	TuTh 9 TuTh 9:30-10:45
1:30- 3:30	ECON 201, 430
December 20, Monday	
*(Alternate Snow Date-December 24)	
8:00-10:00	TuTh 12 TuTh 12:30-1:45
10:30-12:30	MWF 10
1:30- 3:30	BMGT 220, 380 GERM 101, 102, 201
December 21, Tuesday	
*(Alternate Snow Date-December 24)	
8:00-10:00	TuTh 3 TuTh 3:30-4:45
10:30-12:30	MWF 12 MW 12:30
1:30- 3:30	CMSC 103, 112 ENES 102, 221 FREN 101, 102, 103, 203 RUSS 101, 201
December 22, Wednesday	
*(Alternate Snow Date-December 24)	
8:00-10:00	MWF 8
10:30-12:30	TuTh 10
1:30-3:30	MWF 3 MW 3:30
4:00-6:00	TuTh 1

*ALTERNATE SNOW DATE—Exams will be held at the same time and in the same room as originally scheduled.

2. EXAMS FOR CLASSES BEGINNING AT 4 P.M. AND LATER

Final examinations for classes beginning 4:00 p.m. and later are given on the same day and at the same time the class normally meets during the semester. For example, classes scheduled on Tuesday, 4:15-7:00 p.m. have their exams on Tuesday, December 21 at 4:15 p.m. Classes scheduled on Thursday at 4:00 p.m. and later have their final exams on Thursday, December 16. Classes that meet both Tuesday and Thursday 4:00 p.m. and later should have exams on Thursday, December 16. Classes that meet both Monday and Wednesday 4:00 p.m. and later should have exams on Wednesday, December 15. Exams will be given in regularly scheduled classrooms. The department will notify faculty of any exceptions to the time and room.

3. COMMON FINAL EXAMS

Final examinations for all sections of the following courses are given at the times listed in the above schedule. Note that these exam times do not depend on the hour or day at which the particular section meets. The rooms in which these examinations will be held will be announced in class.

BMGT 220, 310, 311, 380, 422, 424, 440
CHEM 103, 113, 233, 243
CMSC 103, 112, 150
ECON 201, 203, 430
EDMS 451
ENES 100, 102, 220, 221
FREN 101, 102, 103, 203
GERM 101, 102, 201
HEBR 111
ITAL 101, 102, 203
MATH 001, 002, 110, 111, 115, 140, 140H, 141, 141H, 210, 211, 220, 221, 240, 241, 241H, 246, 246H
PHYS 121, 161, 262, 263
RUSS 101, 201
SPAN 202
STAT 100

4. EXAMS FOR BMGT COURSES NUMBERED 600 AND ABOVE

Final Examinations for BMGT courses numbered 600 and above do not follow the schedule outlined in Sections 1-3 above. The exam schedule for these courses will be published in the Second Edition of the Schedule of Classes.

Career Center

Students can do at least one thing to make sure they are progressing toward a career that's right for them by visiting the Career Center. The Career Center helps students learn how to develop good study habits, to identify talent/interests areas, and to select a major that will help them in their future career field. The Career Center's Counselors help students plan for graduate/professional school, find a job, and secure an internship or co-op job through personal attention.

Career Resource Center

The Career Resource Center, located in the Career Center, has books, magazines, videotapes and computer programs which help students define their career interests. Walk-in counseling and individual appointments are available Monday-Friday and Wednesday evenings. The Career Center is located in 3121 Hornbake Library South Wing. Office hours are Monday-Friday at 8:30 am to 4:30 pm. To learn more about deciding on a major, finding future employment, or how to tackle the job search, stop by or call the Career Center at 314-7225.

Experiential Learning Programs

0119 Hornbake Undergraduate Library, 405-3956

Experiential Learning Programs (ELP) offers three of the University's most exciting learning opportunities—internships, cooperative education and student exchange. Each is designed to give students "hands-on" experience that can help them integrate classroom learning with practice, gain valuable on-the-job experience, make professional contacts, observe career fields first-hand, experience different educational, work or cultural environments, and clarify personal and professional goals.

Internships

An internship is a paid or unpaid work experience which in some situations may be awarded academic credit. Students can use extensive ELP listings, which include more than 1500 opportunities in more than 1000 organizations, business, and government agencies, to identify possible internships. The ELP office also maintains directories and catalogues which describe local and national positions. Once students have obtained an internship, they must secure a full-time faculty member to sponsor their internship if they wish to earn academic credit. Interested students should sign up for an information session to learn the details of the internship program.

Internship Credit Policies for ___386 Experiential Learning

Students may earn academic credit for their internship experience through departmental internships or through the campus-wide internship course ___386 Experiential Learning. (The departmental abbreviation takes the place of___, for example GVPT 386 or CMSC 386.) The following are Campus Senate policies regarding ___386.

- ___To be eligible for___ 386 credit, a student must have earned 56 credits, including 12 at UMCP and 3 in the department which is to award ___386 credit.
- ___386 may be taken by any student with the sponsorship of a faculty member if it is a department option and in accordance with departmental requirements and internship policies.
- ___386 is a variable credit course and may be awarded from 3 to 6 credits depending on the number of hours worked at the internship site and departmental policy.
- ___386 may be taken only once in any given department.
- ___386 may be taken in only one department per semester.
- ___386 may be graded using either the regular or pass/fail grading method in accordance with departmental policy.
- ___386 may be taken for a maximum of 12 credits in an undergraduate program.

Mandatory Learning Proposals. Completion of a Learning Proposal, which can be obtained in the ELP office, is mandatory for all students taking ___386 (Experiential Learning). The Learning Proposal is a contract which spells out and clarifies the nature of the student's placement, learning objectives, specific responsibilities, supervision, in-service training, method of evaluation, and contact with faculty sponsor. The process for developing a Learning Proposal is intended to include the student, the faculty sponsor and the on-site supervisor, all of whom must sign the finished proposal. Once the proposal is complete, it must be submitted to ELP for approval. Please allow a 24 hour turn-around time for ELP to approve, sign and stamp the Learning Proposal. Students may then take the Learning Proposal to the Registrar's office to register for ___386. Students will not be permitted to register for ___386 without the ELP approval stamp.

Cooperative Education for Liberal Arts, Business and the Sciences

Cooperative Education (Co-op) is the most intensive form of experiential learning. Students either alternate semesters of full-time, paid employment with semesters of full-time study, or work in paid, part-time positions while enrolled full-time at UMCP. Co-op employers include agencies within the federal government and leading private companies. Many co-op students are offered permanent positions after graduation. To be eligible, undergraduate students must have completed 36 college credits, 12 of which must have been completed at UMCP the semester before co-oping, and achieve a 2.0 cumulative GPA. Graduate students must be enrolled as degree-seeking students, complete one semester at UMCP, and achieve a 3.0 cumulative GPA. Interested students should sign up for an information session to learn the details of the co-op program. Students must apply a full semester prior to the semester in which they choose to co-op.

National Student Exchange (NSE)

The National Student Exchange Program offers UMCP students the opportunity to study at over 100 participating public colleges and universities across the country. UMCP students pay their tuition and fees to UMCP and room and board to their host campus. Students may exchange for a semester or a year. NSE offers the opportunity to explore new geographical settings, investigate graduate school options, experience academic diversity and study under different educational and social circumstances in various parts of the continental U.S., Hawaii, Alaska, and U.S. territories. The application deadline is March 1st for the following academic year. Students who are interested in NSE are encouraged to contact the Career Center to plan for their exchange. Students may not exchange during their senior year and must have at least a 2.5 GPA at the time of application and exchange.

Change of Address Procedure

Change in either mailing or permanent address can be processed AT ANY TIME DURING THE SEMESTER IN WHICH THEY OCCUR. Address changes are posted to the computer by the Office of the Bursar. Address Change Forms are available at the following places:

1. Office of the Bursar, Room 1115 or 1135, Lee Building, 8:30 a.m. to 4:30 p.m., Monday-Friday.
2. Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m. Monday through Friday.
3. Deans' Offices, 8:30-4:30 p.m., Monday-Friday

Since many University communications to students are handled through the mail, it is imperative that accurate and up-to-date addresses be maintained throughout the enrollment period. During the academic year the permanent address for currently registered students will be used for grade reports, combined early registration schedules and bills, and other billings. The local address on file for currently registered students will be used for all other mailings. The permanent address on file for students not currently registered will be used for all mailings. Any student wishing his/her address to be kept confidential should contact the Registration Counter.

All requests for non-disclosure of information will be implemented as soon as publication schedules will reasonably allow. The University will use its best efforts to maintain the confidentiality of those categories of information which a student properly requests not be publicly disclosed. The University, however, makes no representations, warranties or guarantees that information designated for non-disclosure will not appear in public documents.

Change of Name Procedure

A change of name can be processed at any time during the semester in which it occurs. Name Change forms are available at the Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m., Monday-Friday. Proof of name change (court order, marriage license, driver's license) must be submitted with name change form.

Commencement Honors

Summa Cum Laude, Magna Cum Laude, and Cum Laude are the commencement honors for excellence in scholarship. Honors are awarded to students with a GPA equal to the highest two percent (Summa), the next highest three percent (Magna) and the following five percent (Cum Laude) of the GPA distribution used in the calculations for that semester. The GPA distribution shall be computed each semester from the GPAs of the three proceeding classes of the student's degree granting unit. To be eligible for this recognition, at least 60 semester hours must be earned at or transferred with a grade to College Park. No more than six credits taken pass/fail or satisfactory/fail shall count toward the 60 hour minimum. No student with an average less than 3.300 will be considered for a commencement honor. Because grades for a term generally are officially recorded after the term's graduation day, computation of the student's GPA will not include grades for courses taken during the student's final semester at College Park. However, the hours taken during that semester will apply toward the 60-hour requirement.

Community Service Programs

Community Service Programs provides listings of volunteer opportunities for individuals and groups. The office is located in 1195 Stamp Student Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m. 314-2273.

Computer Science Center

Non-credit Training Courses (Fall 1993)

The Computer Science Center offers a series of workstation training classes scheduled during evening and weekend hours. Classes in the use of workstations (e.g., the IBM, PS/2, NeXTstation, and Macintosh microcomputers) are designed to be a hands-on experience for those who wish to use a computer to do their class assignments and work.

The classes include: Introduction to the IBM PC and MS-DOS, Wordperfect 5.1, Intermediate Wordperfect 5.1, Wordperfect for Thesis Writing, Quattro Pro Spreadsheets, Introduction to the NeXTstation Introduction to UNIX, Introduction to the Macintosh, MacWrite II and MacDraw on the Macintosh. An additional class on Network Resources is also offered. Instructors for the classes are computer experienced students. Call 405-2941 for scheduling information, or drop by CSC room 3326 to register for classes. There is a $5.00 charge for each class.

The workstation training courses are in addition to the CSC's traditional non-credit short courses which, this Fall, will include surveys of UNIX, statistical software, communications, and networking. A small fee is charged for these classes. For further information call 405-4261.

Counseling Center

The Counseling Center provides comprehensive psychological and counseling services to meet the mental health and developmental needs of students and other members of the university community. Records kept as part of providing counseling services are confidential and are not part of the University's educational records. The Counseling Center, located in the Shoemaker Building, is open Monday-Thursday 8:30 a.m.-9:00 p.m. and Friday 8:30-4:30. In order to meet the needs of the university community, the Counseling Center provides the following special services and programs:

Counseling Service. Psychologists provide consultation and professional individual and group counseling services for students with emotional/social and educational and career concerns. Counseling is available for individuals and groups to overcome depression, career indecisiveness, anxiety, loneliness and other problems experienced by students. Workshops ranging from developing assertiveness and self-esteem to stress management are offered. A 3:00 p.m. Minority Student Walk-In Hour is held daily. Consultation to faculty, staff and students regarding student concerns and organizational needs is provided. The Center also provides a series of tape recorded interviews with all College Park department heads covering course and career options in their fields. Telephone: 314-7651.

Disability Support Service. A division of the Counseling Center, located in Shoemaker Hall, Room 0126. Services are available for students with documented disabilities. Services may include: readers, writers, interpreters, assisting with physical access and assistance with registration. Professionals provide interpreters for the deaf, readers for the blind, assistance with registration, administration of classroom exams, assistance for students with learning disabilities and access guides to campus buildings. Students are encouraged to contact the office as early as possible. Office hours are 8:30-4:30 Monday-Friday. Telephone: 314-7682 (voice) or 314-7683 (TDD)

Learning Assistance Service (LAS). Educational Specialists offer individual and group sessions for improving academic skills such as reading, writing, listening, note taking, and learning mathematics and science material. Workshops cover such topics as Study Skills, Time Management, Learning Math Skills, Exam Anxiety, and Learning English as a Second Language. Telephone: 314-7693.

Returning Students Program. A wide variety of workshops, ongoing consultation, counseling, referrals, and orientation programs are provided to address the needs of students aged 25 or over who are beginning or coming back to school after a break in their formal education. A one credit course, EDCP 108R, is offered Spring and Fall semester to provide returning students with study skills techniques and information about campus resources, as well as exploration of academic, career and personal goals. A popular offering is the Returning Student Coffee and Conversion Group. Drop in any Monday 12:00-2:00 with your lunch. Located in Room 2201 Shoemaker. Telephone: 314-7693.

Testing, Research and Data Processing Service. National testing programs such as CLEP, GRE, LSAT, MCAT, GMAT and Miller Analogies are administered through this office as well as testing for counseling purposes, including vocational assessment. In addition, the staff members provide a wide variety of research reports on characteristics of students and the campus environment. Telephone: 314-7688.

Parent Consultation and Child Evaluation Service. Professional help is available through consultation, testing and counseling for youngsters ages 5-14 and families. Telephone: 314-7673.

Counseling Center services allow students to overcome barriers to their learning and development. Center professionals are highly committed to help you reach your goals. Call or come to the Shoemaker Building for more information or to schedule an appointment.

Credit by Examination for Undergraduates

Credit may be earned by examination for any undergraduate course for which a suitable examination has been adopted or can be prepared by the department granting the credit. This option is not available, however, for courses in which the student has been registered beyond the end of the Schedule Adjustment Period, i.e., the first 10 days of classes.

Additional information regarding availability of examinations, applications, fees and other regulations is available from the Division of Letters & Sciences (L&S), Room 1117, Hornbake Library. See Ms. McCain, 314-9423. For more information, consult the undergraduate catalog.

Disclosure of Student Records (Buckley)

The University of Maryland adheres to a policy of compliance with the Family Educational Rights of Privacy Act (Buckley Amendment). With certain limitations, this Act requires and it is the policy of the University:

(1) To permit students to inspect their education records.
(2) To limit disclosure to others of personally identifiable information from education records without student's prior written consent.
(3) To provide students the opportunity to seek correction of their education records where appropriate.

Prior consent will not be required for disclosure of educational records to school officials of the University of Maryland who have been determined to have legitimate educational interests.

Certain information has been designated "Directory Information" and will be disclosed without prior consent unless a student files written notice. Directory information consists of:

Name	Participation in Officially Recognized Activities and Sports
Address	Weight and Height of Members of Athletic Teams
Telephone Listing	Dates of Attendance
Date and Place of Birth	Degrees and Awards Received
Photograph	Most Recent Previous Educational Institution Attended
Major Field of Study	

Students who wish to limit the disclosure of Directory information or wish access to their official records should obtain the appropriate form at the Registrations Counter, Mitchell Building, and return the completed form to the Registrations Counter. **Requests to limit disclosure of Directory Information must be made within 3 weeks from the first day of the semester in which the student begins each school year. Such requests must be filed annually within the above allotted time.**

Students alleging: University noncompliance with the Family Educational Rights and Privacy Act may file a written complaint with the Family Educational Rights and Privacy Office, United States Department of Education, 330 Independence Avenue, S.W., Washington, D.C. 20201.

For complete University policy on access to and release of student data information, see the current edition of the *Undergraduate Catalog*.

Drug and Alcohol Abuse Policy

The illegal or abusive use of drugs or alcohol by members of the campus community jeopardizes the safety of the individual and the campus community, and is inimicable to the academic learning process. The University of Maryland is therefore committed to having a campus that is free of the illegal or abusive use of drugs and alcohol. In keeping with this commitment, it is the policy of the University that the illegal or abusive use of drugs or alcohol is prohibited on University property or as part of University activities. This ***POLICY*** is to notify students of prohibited conduct and disciplinary actions which may result from violation of University policy.

Prohibited Conduct: Drugs

DRUGS

The *Code of Student Conduct* prohibits, on University premises or at University sponsored activities, the
1) unauthorized distribution;
2) possession for purposes of distribution
3) use; or
4) possession of any controlled substance or illegal drugs.

"Controlled substance" and "illegal drugs" prohibited under the *Code* are set forth in Schedules I through V in Article 27, part 279 of the Annotated Code of Maryland.

Prohibited Conduct: Alcohol

The *Code of Student Conduct* prohibits the violation of published University regulations or policies regarding the possession, use or distribution of alcoholic beverages, as approved and compiled by the Vice-President for Student Affairs. These policies, generally described below and subject to amendment from time to time, are available for public inspection during normal business hours in the Judicial Programs Office.

The **Resident Life Alcohol Policy** controls the use, possession or distribution of alcohol in campus residence halls. This policy prohibits the possession or use of alcohol by any student under the age of 21 or the furnishing of alcohol to a person known to be under the age 21. It prohibits common containers (such as a keg or punchbowl) the sale of alcohol, and parties involving alcohol. Students of legal drinking age may consume alcohol in their rooms, suites or apartments only.

The **Office of Campus Programs Alcohol Policy:** Alcoholic beverages may not be possessed, distributed or consumed at events open to the general University community and held on University property except where specific written approval has been obtained from the Office of Campus Programs in advance of the event. Organizational sponsors are responsible for insuring that all persons in attendance at an event comply with the alcohol policy. In order to facilitate compliance and decrease organizational liability, it is recommended that sponsors post signs at their events clearly indicating that possession of alcoholic beverages is prohibited.

Disciplinary Sanctions

Sanctions for violations for University drug and alcohol policies include expulsion, suspension, disciplinary probation, disciplinary reprimand, restitution, dismissal from University housing, housing probation, work or research projects, drug testing, and restrictions on further use of University facilities. Students may be accountable to both civil authorities and the University for acts which constitute violations of law and University policy. Disciplinary action at the University will normally proceed during the pendency of criminal proceedings and will not be subject to challenge on the grounds that criminal charges involving the same incident have been dismissed or reduced.

Emergency Weather Conditions

When there is a snow emergency, you should listen to the radio or watch T.V. to find out whether the university has decided to close. The following are the T.V. channels and radio stations the university contacts when there is an announcement to **CLOSE** the university because of a snow emergency. **NO ANNOUNCEMENTS ARE MADE WHEN THE UNIVERSITY REMAINS OPEN.**

Radio Station	Frequency	Location	T.V. Station	Channel	Location
WMZQ	98.7 FM	D.C. Area	WJLA	7	D.C. Area
WAVA	105 FM	D.C. Area	WRC	4	D.C. Area
WASH	97.1 FM	D.C. Area	WUSA	9	D.C. Area
WTOP	500 AM	D.C. Area	WTTG	5	D.C. Area
WRC	980AM	D.C. Area	WJZ	13	Baltimore Area
WMAL	630 AM	D.C. Area	WMAR	2	Baltimore Area
WGMS	103.5 FM	D.C. Area	WBAL	11	Baltimore Area
WKYS	93.9 FM	D.C. Area			
WLIF	102 FM	Baltimore Area			
WBAL	1090 AM	Baltimore Area			
WCAO	600 AM	Baltimore Area			

CAMPUS INFORMATION: 405-1000

As soon as a snow emergency is decided upon, the Office of Public Information calls all of the media listed above. Although the university tries to insure that its message is used, it cannot control announcements presented on the radio or T.V.

Engineering Jobs Hotline—314-9289

This is a listing of currently available part-time, off- and on-campus engineering jobs paying various hourly rates. The line is in operation 24 hours a day. Call 314-9289.

English Editing for International Graduate Students

The English Editing for International Graduate Students (EEIGS) program, operating under the aegis of the University of Maryland Office for Graduate Studies & Research, offers editing services to international graduate students who must present their required seminar papers, theses, dissertations, etc. in English. This program is staffed by volunteers from the university's Retired Volunteer Corps and Golden ID group, and by volunteers from other university and non-university sources. These services are free.

The EEIGS program operates as follows:

1. Names and telephone numbers of volunteer editors on whom the student may call may be obtained by calling Mr. Freitag, the program coordinator, at (301) 277-3449.
2. The student can contact a volunteer editor to arrange for the editing services. If an arrangement does not work out satisfactorily, either the student or the volunteer editor may discontinue the service. The student may then seek another volunteer editor.
3. The student should allow a reasonable amount of time for the editing services. Long documents will not be edited on very short notice.
4. Editing services are expected to take place on the University of Maryland campus. The student is responsible for finding working space (for example, an empty classroom or office in the department in which he/she is majoring.)
5. The student is expected to inform the Director of Graduate Studies of the Department in which he/she is majoring about the aid being received through this program.

The Maryland English Institute (MEI) also offers writing assistance through the "MEI Writing Center for International Graduate Students"; call 405-8634 for details.

There are also graduate students and others on the University of Maryland campus who offer English language editing services for a fee. Graduate students in the Department of English who will do editing for a fee can be contacted through the Director of Graduate Studies. Department of English, South Campus Surge Building (405-3810).

Employment Center

The Student Employment Center is a centralized service for undergraduate students seeking on-campus employment within the Department of Resident Life. The SEC maintains job descriptions of all the positions for which the Department is recruiting and hiring. Positions include, but are not limited to, desk receptionists, Resident Assistants and security staff. The SEC provides a free service to all undergraduate students at the University of Maryland.

The Student Employment Center is located in Room 0117 of Cumberland Hall. Hours are: Monday-Friday 8:30 to 4:30. Telephone 314-5111.

Golden Identification Card Program

College Park participates in the University of Maryland's Golden Identification Card Program. This program allows eligible senior citizens to take advantage of the wide variety of course offerings at College Park. To be eligible for participation the individual must be 60 years of age or older, a legal resident of the State of Maryland and retired (not engaged in gainful employment for more than 20 hours a week). Application is made through the Office of either Undergraduate or Graduate Admissions. The appropriate application fee will be assessed. College Park tuition is waived. A fee of $99.00 is charged each semester. This fee is the same fee that is charged to all part-time undergraduate students less the health, student activities, and athletic fees. Golden ID students register on a space available basis for a maximum of three courses during the first week of classes. Golden ID students must meet all course prerequisite and co-requisite requirements. The Golden Identification Card with a current semester registration card will entitle eligible persons to certain academic services, including the use of the libraries, as well as certain other non-academic services. Such services will be available during any session only to persons who have registered for one or more courses for that session. Golden ID students are not eligible for Consortium courses.

Golden ID students also have the opportunity to become involved with the Golden ID Student Association which provides cultural and social events, course recommendations, and peer advising. Additional information may be obtained from the Office of Undergraduate Admissions, Mitchell Building, 314-8385, or the Golden ID Student Program, Room 0119 Hornbake Library, 405-3956.

Health Center (UHC)

The UM University Health Center (UHC) is located on Campus Drive, across from the Stamp Union. The services provided by the UHC include: primary care for illness and injury, dental clinic, men's clinic, women's clinic, anonymous HIV/AIDS testing, allergy clinic, skin care clinic, sports medicine, physical therapy (located in the HHP Building), nutrition education, mental health clinic, travel clinic, substance abuse counseling, social services, laboratory, radiology (x-ray) and a pharmacy. Individual and group health education programs are available on topics such as sexual health and contraception, date rape, stress management, substance abuse, dental health, eating disorders, depression and suicide. The UHC is open Monday through Friday from 7:00 a.m. until 11:00 p.m., and Saturday and Sunday from 9:00 a.m. until 5:00 p.m., with varied hours during semester breaks and holidays. Students are seen by appointment between 9:00 a.m. and 5:00 p.m. on weekdays. All currently registered students are eligible for care. While the student health fee covers most routine costs at the UHC, there are charges for some services, such as X-rays, lab work, dental treatment, allergy injections, physical therapy, prescriptions, CPR certification, and DWI/DUI classes. All students are encouraged to carry hospitalization insurance. All students' medical records are strictly confidential and may only be released by the student's consent or through a court ordered subpoena. The Health Center only gives class excuses for a prolonged illness or missed exams due to a serious illness.

UHC Phone Numbers:

Information	314-8180	Health Education	314-8128
Appointments	314-8184	Health Insurance	314-8165
Mental Health	314-8106	Dental Clinic	314-8178
Pharmacy	314-8167		

Housing Service Off-Campus

The Office of Commuter Affairs provides a free listing and referral service for all students, faculty and staff of the University who are seeking housing or have a property to rent. The office is located in 1195 Stamp Student Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m., 314-3645.

Human Relations Code

THE UMCP HUMAN RELATIONS CODE PROHIBITS DISCRIMINATION WITHIN THE COLLEGE PARK COMMUNITY ON THE BASIS OF:

- race
- personal appearance
- color
- national origin
- age
- political affiliation
- creed
- sexual orientation
- marital status
- mental or physical disability
- sex
- The exercise of the rights secured by the First Amendment of the United States Constitution, such as the right to assemble peacefully, freedom of speech, including the expression of sexual orientation.

If you feel you have been subjected to any form of discrimination, you may file a complaint with the member of the Human Relations Code Equity Team, which includes:

RODNEY PETERSEN, J.D
Campus Compliance Officer
Office of Human Relations Programs
1107 Hornbake Library
405-2838

EQUITY ADMINISTRATORS:

Ms. Jo-Ann Amadeo
Undergraduate Studies
1115 Honbake Library
405-9362

Dr. Amel Anderson
College of Agriculture & Life Sciences
1224 Symons Hall Building
405-2085

Dr. Marilyn Berman
College of Engineering
1137 Engineering Classroom Building
405-3871

Dr. Cordell Black
Office of Academic Affairs
1127 Main Administration Building
405-7227

Dr. Stephen M. Block
School of Public Affairs
3105B Morrill Hall
405-6354

Dr. William Bradford
College of Business and Management
1146 Tydings Hall
405-2306

Dr. Gladys Brown
Office of Human Relations
1107 Hornbake Library
405-2838

Dr. William Cunningham
College of Library & Info. Services
4111C Hornbake Library
405-2046

Dr. Colleen (Coke) Farmer
College of Health & Human Perf.
2314 HLHP Building
405-2475

Ms. Sharon Fries-Britt
Student Affairs
2108 Mitchell Building
314-8431

Mr. Ray Gillian
Office of the President
1111 Main Administration Building
405-5795

Dr. George Goldenbaum
Computer, Mathermatical & Physical Sci.
3417 A.V. Williams Bldg.
405-2319

Dr. Diana Jackson
College of Behavioral & Social Sciences
2141 Tydings Hall
405-1679

Mr. Gene Johnson
College of Agriculture and Life Sciences
1105 Symons Hall
405-1176

Dr. Jeanette Kreiser
College of Education
3119 Benjamin Building
405-2339

Ms. Stephanie Pogue
College of Arts and Humanities
1102 Francis Scott Key Hall
405-2105

Mr. Stephen Sachs
School of Architecture
1205 Architecture Building
405-6314

Dr. Greig Stewart
College of Journalism
2115 Journalism Building
405-2390

Dr. Sylvia Stewart
Administrative Affairs
1132 Main Administration Building
405-1109

Ms. Patty Wang
Institutional Advancement
3112 Lee Building
405-7764

Identification Cards

New Photo Identification Cards will not be issued to students who currently have them.

Students who registered early for the Fall 1993 session will receive a new Registration Card along with their Class Schedule and Bill. This card will validate the Photo Identification Card. Both cards should be carried at all times. Students who have not registered will receive identification cards when they do register. Together the Photo Identification Card and Registration Card can be used by all students to withdraw books from the libraries, for admission to most athletic, social, and cultural events, and as a general form of identification on campus. Students who have food service contracts must use the Photo Identification Card for admission to the dining halls.

There is a replacement charge of $1.00 for lost or stolen Registration Cards and $20.00 for lost, stolen, or broken Photo Identification Cards.

Questions concerning the identification system should be addressed to the Office of Registration 314-8240.

International Student Information

F-1 Visa Students: Students with F-1 status are responsible for following the regulations of the U.S. Immigration and Naturalization Service pertaining to their F-1 status.The regulations affect extension of stay, transfers, off-campus employment authorization, practical training and course loads. The Office of International Education Services is the only authorized office on campus to sign documents which must be forwarded to the Immigration Service.
Students on Nonimmigrant Student (F-1 and J-1) Visas: In order to maintain full-time student status for immigration purposes, undergraduate students are expected to register for and complete a minimum credit load of 12 hours per semester; graduate students are expected to register for and complete a minimum of 48 graduate units per semester. The Office of International Education Services must be notified in advance if you are going to complete the semester below the required minimum course load. Please watch for announcements from the Office of International Education Services about future changes in immigration regulations.
Passports: Your passport must be kept valid at all times for at least six months into the future.
All Students on Immigrant and Non-Immigrant Visas: Every semester, you are required to notify the Office of International Education Services of any change in your address and/or telephone number, in addition to notifying the Office of Registration and Records. You will be required to show proof of health insurance.
International Students Information and Questions: The Office of International Education Services, Room 3116A, Mitchell Building. Phone 314-7740.

Job Referral Service

The Job Referral Service, an extension of the Office of Student Financial Aid, maintains listings of available part-time, temporary, and summer jobs located on and off campus. There is no financial evaluation to determine the eligibility for positions listed. The jobs are offered independent of need.
This service is available at no cost to prospective employers and students. Employers list their vacancies through our office by calling 314-8323. Students must be enrolled for the current semester at the University of Maryland, College Park campus or University College. Employment advising is available by appointment or on a walk-in basis.
The Job Referral Service is located in Room 3120 Hornbake Library (South Wing) and is open Monday-Friday from 8:30 a.m.-4:30 p.m. Students are encouraged to stop by or call 314-8324 for more information about the service.

Libraries at UMCP

UMCP Libraries include over 2.1 million volumes, more than 4.5 million microform items, and almost 20,000 current periodicals and newspapers, as well as 731,000 government documents, over 191,000 maps and almost 144,000 nonprint media sources. Reference sources, both automated and print, provide up-to-date and effective access to information.

The Theodore R. McKeldin Library is the main library of the UMCP library system containing automated and printed reference works, periodicals, circulating books, and other materials to support mainly the graduate and research programs of the University in the life sciences, social sciences, and humanities. McKeldin houses special collections including literary manuscripts and archives, the East Asia Collection, Maryland state documents and Maryland-related books and manuscripts and University of Maryland archives, U.S. government documents, and the National Trust for Historic Preservation Collection.

The Hornbake Library houses reference, circulation, and all reserve services aimed for undergraduates, and has a study room open all hours during spring and fall semesters. The Nonprint Media Services Department on the fourth floor features color video tape players and playback units, enclosed rooms equipped with instructors' consoles for the use of nonprint media materials, dial access capabilities for instructional purposes as well as tapes, records and films for use of the university community. The Hornbake Library also houses the National Public Broadcasting Archives which is accessible by appointment only.

Art Library (Art-Sociology Building)
Architecture Library (Architecture Building)
Engineering and Physical Sciences Library (Mathematics Building)
Music Library (3rd floor, Hornbake Library)
White (Chemistry) Memorial Library (Chemistry Building)

All UMCP students, faculty, and staff may borrow from all libraries at UMCP and other campuses in the University of Maryland System.

Non-Discrimination Policy

The University of Maryland is an equal opportunity institution with respect to both education and employment. The University's policies, programs and activities conform to pertinent federal and state laws and regulations on non-discrimination regarding race, color, age, national origin, sex, or disability. Inquiries regarding compliance with Title VI of the Civil Rights Act of 1964 as amended, Title IX of the 1972 Education Amendments, Section 504 of the Rehabilitation Act of 1973, The Americans with Disabilities Act or related legal requirements should be directed to the appropriate individuals designated below.

Campus Compliance Officer
Office of Human Relations Programs
Room 1107, Hornbake Library
University of Maryland, College Park
College Park, Maryland 20742
301-405-2838

Campus Coordinator for 504 of the
Rehabilitation Act of 1973 and Americans with Disabilities Act
Room 0126, Shoemaker Building
University of Maryland, College Park
College Park, Maryland 20742
301-405-4945

Parking Registration Information

WHO??

All students who plan to attend the University during the Fall 1993 semester and who plan to park a motor vehicle on campus must register with the Department of Campus Parking (DCP) for a parking permit or park at a paid meter.

PLEASE NOTE: FRESHMAN AND SOPHOMORE CAMPUS RESIDENT STUDENTS ARE PROHIBITED FROM REGISTERING FOR A PARKING PERMIT. FOR MORE INFORMATION CONTACT THE DCP OFFICE AT 314-PARK.

WHEN??

Mail-in parking registration packets will be mailed during July 1993. Students who receive the packet should take advantage of the mail-in process by returning your completed application prior to the due date. Because of the popularity of certain lots, i.e. PGS, 11 and 1, commuting junior, senior, and graduate students are encouraged to immediately process their mail-in packet. Students not availing themselves of the mail-in registration process must register in person at the DCP Office. Your new hanging permit must be displayed by September 7, 1993.

WALK-IN REGISTRATION

Date	Time	Location
Beginning Date to be determined Call DCP at 314-PARK	8:30 a.m.-4:00 p.m.	Department of Campus Parking Parking Garage 2, Bldg. #202 Regents Drive
August 24, 1993	8:30 a.m.-6:00 p.m.	DCP Office
August 25-31, 1993	8:30 a.m.-4:00 p.m.	DCP Office
September 1, 1993	8:30 a.m.-6:00 p.m.	DCP Office
September 2-3, 1993	8:30 a.m.-4:00 p.m.	DCP Office
September 6, 1993 (Labor Day)	University Closed	
September 7-8, 1993	8:30 a.m.-6:00 p.m.	DCP Office
September 9th and later	8:30 a.m.-4:00 p.m.	DCP Office

HOW??

1. **BRING YOUR STUDENT I.D. CARD**
2. Pick up and complete the UMCP-DCP Application for Student Parking Registration. The student parking registration fee is $95.00 for campus resident students and $51.00 for commuter students. (1993-94 academic year parking fees have not been determined at the time of this publication). Check, cash, or credit card (Mastercard or Visa) payment is required.
3. You will received a hanging permit, the Campus Parking Map and Informational Parking Guide.

Bicycles and Mopeds

Bicycles and mopeds need not be registered, but should be parked in bicycle racks provided on campus. Securing or parking a bicycle or moped in any manner which would obstruct vehicles or pedestrians is prohibited.
A bicycle or moped locked to any part on either side of the railing of an access ramp could make entering or exiting the building difficult or impossible for a person with a disability. The lock, the handlebars, the seat, the wheels—anything—could cause an obstruction at exactly the place a person needs to use the railing for its intended purpose. Bicycles or mopeds that obstruct an access ramp that is part of an exit are in violation of the Maryland Fire Prevention Code and subject to impoundment.

Disabled Parking

All persons associated with the University (including those displaying a State disabled permit or tag) must purchase and display a UMCP-DCP hanging permit for the current year. At the time of registration, the person must submit a copy of **their approved** State Maryland Disabled Person's Parking Permit application. Upon issuance of the UMCP-DCP hanging permit, an additional UMCP-DCP disabled permit will be issued at no charge. The UMCP-DCP permits must be used in conjunction with the State Disabled permit or tag in order to use Disabled spaces, unpaid parking meters or any ungated parking lot on campus, except for service or courier spaces.
Only persons for whom the disabled parking privileges are extended are authorized to park in these special parking areas. Family members driving these vehicles must utilize their assigned parking lot(s).
Questions regarding parking registration should be referred to the Department of Campus Parking, 314-PARK.

Participation by Students in Class Exercises that Involve Animals

Students who are concerned about the use of animals in teaching have the responsibilities to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available. If no alternatives are available, the refusal to participate in required activities involving animals may result in a failing grade in the course. Departments including courses where animals are used must actively inform students of such courses, including but not limited to, notices in the Catalog.
The University of Maryland, College Park campus, affirms the right of the faculty to determine course content and curriculum requirements. The University, however, also encourages faculty to consider offering alternatives to the use of animals in their courses. In each course, the instructor determines whether the use of animals in classroom exercises will be a course requirement or optional activity. The following departments currently have courses that may require animals to be used in class activities. Animal Sciences, Microbiology, Poultry Science, Psychology, Veterinary Medicine, Zoology, and courses with the NUSC or NUTR prefixes.

Sexual Harassment

Sexual harassement by University faculty, staff, and students is prohibited by the "Campus Policy and Procedures on Sexual Harassment" which may be obtained by calling the Office of Human Relations Programs (OHRP) at 405-2838. Brochures and posters are available at the same number. The OHRP also provides training and education on sexual harassment and is willing to customize a program based upon audience needs.

Shuttle-UM

Shuttle-UM is a student operated transit service which offers commuter transit, night campus security transportation, charter service, and special service for students with special mobility needs. Schedules and maps are available at the Stamp Union information Desk, the Office of Commuter Affairs, and at the Shuttle-UM Office, 13 Greenhouse Rd. For Shuttle-UM information, call the following numbers:

Employment & General Information 314-2255 (x4-CALL)
Charter Information 314-7271
Paratransit Information 314-7260

Smoking Policy

The policy of the College Park campus is to achieve a public environment as close to smoke-free as practicably possible.
The campus smoking policy is comprised of the following guides:
Smoking is prohibited in indoor locations where smokers and non-smokers occupy the same area. This includes academic areas such as: classrooms, lecture halls, laboratories, and libraries. Other no smoking areas include: conference rooms, indoor athletic facilities, theatres, retail stories, health facilities, and common/public areas such as stairwells, elevators, lobbies, hallways, reception areas, and restrooms. As a general rule, preferential consideration shall be given to non-smokers whenever it is clear that they are being exposed involuntarily to smoke. This policy relies on the thoughtfulness, consideration, and cooperation of smokers and non-smokers for its success. It is the responsibility of all members of the campus community to observe the Smoking Policy and Guidelines, and to direct those who choose to smoke to designated 'Smoking Permitted' areas.

Study Abroad

Advising is available on study, travel, and work abroad opportunities. Listed below are study programs sponsored by the University of Maryland. If you do not see a program that interests you, advisors can refer you to numerous other programs sponsored by U.S. and foreign institutions.
Study in London—The curriculum consists of courses in the Humanities, Business and the Social Sciences which focus on Britain. Students are housed with families or in flats to increase their immersion in British life.
Study in Israel—Offers a semester of study in Israel for the Spring Semester. The program includes a four-day orientation in Tel Aviv and Jerusalem, a Kubbutz stay and an intensive Hebrew language course. Students then attend Tel Aviv University where they take courses taught in English that focus on Israeli and Middle East Studies.
Study in Denmark—The curriculum offers courses in English focusing on contemporary Europe. Students housed with families or in dorms.
Study in Brazil—Offers courses in Portuguese at the Pontifical Catholic University of Rio de Janeiro.
Study in France—This program offers special courses for foreigners or regular courses at the University of Nice for a full year or spring semester.
Maryland in Mexico City—Spanish Language and Latin American studies, Fall and Spring semester.
German and Engineering: As part of a dual degree program, students spend 6 months in Germany studying the language and completing an internship with an engineering company.
Summer programs—For 1993 the following will be offered: German language in Kassel, Germany, Spanish Language in Madrid, Spain, architecture in England, Paris and Scandanavia and Education and Art in Maastricht, Holland.
Maryland Exchanges—There are exchanges with schools in England, Japan, Austria and Germany. All require at least 2 years of appropriate language study and a 3.0 G.P.A.
FOR INFORMATION, CONTACT: Study Abroad Office, 3125 Mitchell Building, 314-7746.

Transcript Services

An unofficial transcript will be available with your early registration materials each semester. This copy is for your personal use and serves as a way for you to check the accuracy of the record. At other times unofficial transcripts are not available unless required for on-campus advisement purposes for currently enrolled students. They are available at Deans' offices on campus.
If you have need of record information for other purposes, please request an official transcript at the Records and Registration Office, Mitchell Building. Upon presentation of identification, students who have been enrolled since 1985 receive their official transcript on the spot. If you are unable to come in person, written requests may be mailed to our office. Generally requests are processed the following day. A transcript cannot be processed if an outstanding debt is owed to the University. Contact the Records and Registration Office (314-8240) if you have further questions.

Tutorial Services

Tutorial services are available to all UMCP students for most 100- and 200-level courses. Students will be tutored by highly skilled, selectively chosen graudate and undergraduate students. To request tutoring, go to the office of Intensive Educational Development (IED), Room 0112 Chemistry Building. You will be assigned a tutor at that time, or shortly thereafter. It is advisable to submit requests for tutoring **early** in the semester.
Students interested in becoming tutors should call 405-4749 or go to Room 0112 Chemistry Bldg. to pick up an application and to obtain further information.
Our office also maintains an extensive collection of past exams and quizzes for courses in chemistry, math, and various other subjects, which students may request, copy and return. To request past examination papers, go to Room 0112 Chemistry Bldg. You must present a valid University ID before receiving any past exam papers.

Veterans Benefits

Students attending the University under the Veteran's Education Assistance Act may receive assistance and enrollment certification at the Veterans Certification Office in Records and Registrations on the 1st floor of the Mitchell Building. The Staff is available to assist regarding monthly educational assistance checks as well as other benefits such as tutoring assistance and vocational rehabilitation services.
It is the responsibility of veterans and dependents receiving VA benefits to notify the Veterans Certification Office of every change of course program. The following types of changes must be reported: credit level or grading option change, change of major, change of address, graduation, academic dismissal or reinstatement actions, and intent to transfer from the College Park Campus. The University Veterans Office is required to notify the U.S. Veterans Administration Office of the above changes to prevent delays in receipt of benefits.

College Locations and Deans

College	*Location*	*Dean*	*Office*	*Phone*
Agriculture	1224 Symons Hall	Dr. Paul Mazzocchi	1224 Symons Halls	405-2080
Architecture	1298 Architecture	Prof. Steven W. Hurtt	1212 Architecture	405-6287
Arts & Humanities	1111 Francis Scott Key	Dr. Robert Griffith	1102 Francis Scott Key	405-2110
Behavioral & Social Sciences	2115 Tydings Hall	Dr. Irwin L. Goldstein	2416 Management and Public Affairs	405-1697
Business & Management	1308 Management and Public Affairs	Mr. William E. Mayer	2127 Tydings	405-2299
Computer, Mathematical & Physical Sciences	3400 A.V. Williams Bldg.	Dr. Richard H. Herman	3400 A.V. Williams Bldg.	405-4906
Letters & Sciences	1117 Hornbake Library	Dr. Betty Beckley (Assistant Dean)	1115 Hornbake Library	314-9401
Education	1210 Harold R. Benjamin (Education Bldg.)	Dr. Jean Hebeler (Acting)	3119 Harold R. Benjamin (Education Bldg.)	405-2334
Engineering	1131 Engineering Classroom Bldg.	Dr. George E. Dieter	1137 Engineering Classroom Bldg.	405-3868
Graduate School	2nd Floor, Lee Bldg.	Dr. Timothy Ng (Acting)	2133F Lee Bldg.	405-4176
Health and Human Performance	3310 Health and Human Performance Bldg.	Dr. John J. Burt	3310D HLHP Bldg.	405-2438
Journalism	1119 Journalism Bldg.	Prof. Reese Cleghorn	2105 Journalism Bldg.	405-2399
Library & Information Services	4105 Hornbake Library	Dr. Anne MacLeod (Acting)	4105E Hornbake Library	405-2033
Life Sciences	1224 Symons Hall	Dr. Paul H. Mazzocchi	1224 Symons Hall	405-2080
Public Affairs	2101 Management and Public Affairs Bldg.	Dr. Michael Nacht	2105 Morrill Hall	405-6330
Undergraduate Studies	2130 Mitchell Bldg.	Dr. Ira Belin (Acting Dean)	2130 Mitchell Bldg.	405-9363

College Organizational Chart

COLLEGE OF AGRICULTURE
- DEPARTMENT OF
  - AGRICULTURAL ENGINEERING
  - AGRICULTURAL AND RESOURCE ECONOMICS
  - AGRONOMY
  - ANIMAL SCIENCES
  - HORTICULTURE
  - POULTRY SCIENCE
- INSTITUTE OF APPLIED AGRICULTURE
- PROGRAMS CURRICULUM
  - DIETETICS
  - FOOD SCIENCE
  - AGRICULTURAL SCIENCES, GENERAL
  - HUMAN NUTRITION AND FOODS
  - NATURAL RESOURCES MANAGEMENT

VIRGINIA-MARYLAND REGIONAL COLLEGE OF VETERINARY MEDICINE—MARYLAND CAMPUS

SCHOOL OF ARCHITECTURE
- ARCHITECTURE AND ENGINEERING PERFORMANCE INFORMATION CENTER
- CENTER FOR AGRICULTURAL DESIGN AND RESEARCH
- PROGRAMS/CURRICULUM:
  - ARCHITECTURAL HISTORY
  - DESIGN
  - PRESERVATION
  - TECHNOLOGY
  - URBAN PLANNING

COLLEGE OF ARTS AND HUMANITIES
- DEPARTMENT OF
  - AMERICAN STUDIES
  - ART
  - ART HISTORY AND ARCHAEOLOGY
  - CLASSICS
  - DANCE
  - ENGLISH
  - FRENCH AND ITALIAN LANGUAGES AND LITERATURES
  - GERMANIC AND SLAVIC LANGUAGES AND LITERATURES
  - HEBREW AND EAST ASIAN LANGUAGES AND LITERATURES
  - HISTORY
  - HOUSING & DESIGN
  - LINGUISTICS
  - MUSIC
  - PHILOSOPHY
  - RADIO/TELEVISION/FILM
  - SPANISH AND PORTUGUESE LANGUAGES AND LITERATURES
  - SPEECH COMMUNICATION
  - THEATRE
- PROGRAMS
  - COMPARATIVE LITERATURE
  - EAST ASIAN STUDIES
  - FOREIGN LANGUAGE (FOLA)
  - JEWISH STUDIES
  - ROMANCE LANGUAGES
  - RUSSIAN AREA STUDIES
  - WOMEN'S STUDIES
- CENTERS
  - ART GALLERY
  - NINETEENTH CENTURY MUSIC
  - RENAISSANCE AND BAROQUE STUDIES
- LANGUAGE CENTER
  - LANGUAGE HOUSE
  - LANGUAGE MEDIA CENTER
  - MARYLAND ENGLISH INSTITUTE

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES
- PROGRAMS/DEPARTMENTS:
  - AFRO-AMERICAN STUDIES
  - ANTHROPOLOGY
  - CRIMINAL JUSTICE AND CRIMINOLOGY
  - ECONOMICS
  - GEOGRAPHY
  - GOVERNMENT & POLITICS
  - HEARING & SPEECH SCIENCES
  - PSYCHOLOGY
  - SOCIOLOGY
- BSOS COMPUTER LABORATORY
- CENTERS:
  - CENTER FOR MINORITIES
  - CENTER FOR POLITICAL LEADERSHIP AND DEVELOPMENT
  - CENTER FOR INTERNATIONAL DEVELOPMENT AND CONFLICT RESOLUTION
  - CENTER FOR SUBSTANCE ABUSE
  - SURVEY RESEARCH CENTER

COLLEGE OF BUSINESS AND MANAGEMENT
- CENTER FOR BUSINESS AND PUBLIC POLICY
- CENTER FOR INNOVATION
- CENTER FOR MANAGEMENT DEVELOPMENT
- CENTER FOR PRODUCTIVITY AND QUALITY OF WORKING LIFE
- SMALL BUSINESS DEVELOPMENT CENTER
- PROGRAMS/CURRICULUM:
  - ACCOUNTING
  - BUSINESS & MANAGEMENT — GENERAL
  - BUSINESS & MANAGEMENT — GENERAL/INTERNATIONAL
  - DECISION AND INFORMATION SCIENCES
  - FINANCE
  - MANAGEMENT SCIENCE
  - MARKETING
  - HUMAN RESOURCE MANAGEMENT
  - PRODUCTION MANAGEMENT
  - STATISTICS
  - TRANSPORTATION

COLLEGE OF COMPUTER, MATHEMATICAL, AND PHYSICAL SCIENCES
- DEPARTMENT OF
  - ASTRONOMY
  - COMPUTER SCIENCE
  - GEOLOGY
  - MATHEMATICS
  - METEOROLOGY
  - PHYSICS
- CENTER FOR AUTOMATION RESEARCH
- INSTITUTE FOR ADVANCED COMPUTER STUDIES
- INSTITUTE FOR PHYSICAL SCIENCE AND TECHNOLOGY
- LABORATORY FOR PLASMA AND FUSION ENERGY STUDIES

COLLEGE OF EDUCATION
- DEPARTMENT OF
  - COUNSELING AND PERSONNEL SERVICES
  - CURRICULUM AND INSTRUCTION
  - EDUCATION POLICY PLANNING AND ADMINISTRATION
  - HUMAN DEVELOPMENT
  - MEASUREMENT STATISTICS AND EVALUATION
  - SPECIAL EDUCATION
- CURRICULUM LABORATORY
- CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT
- EDUCATIONAL TECHNOLOGY CENTER
- CENTER FOR YOUNG CHILDREN
- OFFICE OF LABORATORY EXPERIENCES

COLLEGE OF ENGINEERING
- DEPARTMENT OF
  - AEROSPACE ENGINEERING
  - AGRICULTURAL ENGINEERING (See also College of Agriculture)
  - CHEMICAL ENGINEERING
  - CIVIL ENGINEERING
  - ELECTRICAL ENGINEERING
  - FIRE PROTECTION ENGINEERING
  - MECHANICAL ENGINEERING
  - NUCLEAR ENGINEERING
- CENTER FOR MINORITIES IN SCIENCE & ENGINEERING
- COOPERATIVE EDUCATION
- ENGINEERING RESEARCH CENTER
- INSTRUCTIONAL TELEVISION
- INSTITUTE FOR SYSTEMS RESEARCH

COLLEGE OF HEALTH AND HUMAN PERFORMANCE
- DEPARTMENT OF:
  - FAMILY STUDIES
  - HEALTH EDUCATION
  - KINESIOLOGY
- CENTER ON AGING

COLLEGE OF JOURNALISM
- COLLEGE OF JOURNALISM
- ADVERTISING
- BROADCAST NEWS
- NEWS EDITORIAL
  - —MAGAZINE
  - —NEWS
- PUBLIC RELATIONS

COLLEGE OF LIBRARY AND INFORMATION SERVICES
- LIBRARY AND INFORMATION SERVICES
- GEOGRAPHY/LIBRARY AND INFORMATION SERVICES
- HISTORY/LIBRARY AND INFORMATION SERVICES

COLLEGE OF LIFE SCIENCES
- DEPARTMENT OF
  - BOTANY
  - CHEMISTRY AND BIOCHEMISTRY
  - ENTOMOLOGY
  - MICROBIOLOGY
  - ZOOLOGY
- MARINE AND ESTUARINE ENVIRONMENTAL STUDIES PROGRAM
- WATER RESOURCES RESEARCH CENTER
- PROGRAMS/CURRICULUM
  - BIOLOGICAL SCIENCES (NEW PROGRAM FALL 1991)
  - GENERAL BIOLOGICAL SCIENCES [PRE-FALL 1991 PROGRAM]

SCHOOL OF PUBLIC AFFAIRS
- PROGRAMS
  - ENVIRONMENTAL POLICY
  - NATIONAL SECURITY STUDIES
  - PUBLIC POLICY AND PRIVATE ENTERPRISE
  - PUBLIC SECTOR FINANCIAL MANAGEMENT
  - SOCIAL POLICY
- BUREAU OF GOVERNMENTAL RESEARCH
- CENTER FOR INTERNATIONAL SECURITY STUDIES AT MARYLAND
  - ECONOMICS AND NATIONAL SECURITY PROGRAM
  - NUCLEAR HISTORY PROGRAM
  - WOMEN IN INTERNATIONAL SECURITY
- INSTITUTE FOR PHILOSOPHY & PUBLIC POLICY
- SEMINAR ON THE FOREIGN POLICY PROCESS

UNDERGRADUATE STUDIES
- UNIVERSITY HONORS PROGRAM
- INDIVIDUAL STUDIES PROGRAM
- ALLIED HEALTH PROFESSIONS
- PRE-DENTISTRY
- PRE-MEDICAL
- PRE-LAW
- EXPERIENTIAL LEARNING PROGRAMS
- LETTERS & SCIENCES
- CAREER DEVELOPMENT CENTER (INCLUDING EXPERIENTIAL LEARNING PROGRAMS)
- ACADEMIC ACHIEVEMENT PROGRAMS
- UPWARD BOUND
- RETENTION OFFICE
- EDUCATIONAL TALENT SEARCH

Advising (Undergraduate Students)

Academic advising is an essential part of an undergraduate's educational experience at the University of Maryland. It is available to all students at College Park, but it is the responsibility of the student to make arrangements for advising with the appropriate person. Students are encouraged to use the many advisement opportunities available.

Note: For the following groups advising is mandatory:

Newly admitted first-year and transfer students, concurrent enrollment students, students on academic warning, students seeking reinstatement after dismissal or withdrawal, students nearing senior status, students not meeting fundamental studies requirements, student athletes, and students in certain majors and colleges.

Undergraduate advisors, their room numbers and telephone extensions are listed below. Students who have general questions about campus programs and advising policies may visit or call Letters & Sciences, Room 1117, Hornbake Library, 314-8418.

Academic Advisors

Academic Advisors			
COLLEGE OF AGRICULTURE			
General Information			
Dr. Paul H. Mazzocchi, Interim Dean		SYM-1224	405-2080
Dr. Marla McIntosh, Acting Associate Dean		ZOP-1104	405-2072
Dr. Albert J. Klavon, Assistant Dean		SYM-1224	405-2080
Dr. Amel Anderson, Assistant Dean		SYM-1224	405-2085
Dr. Ronald J. Seibel, Assistant Dean (Acting)		JUL-2123	405-4685
AGRICULTURAL & RESOURCE ECONOMICS			
	Cain, J.	SYM-2106	405-1265
	Hardie, I. (Coord.)	SYM-2222B	405-1284
	Wysong, J.	SYM-2214	405-1288
AGRICULTURAL ENGINEERING			
	Shirmohammadi, A.	SHR-1108	405-1185
	Stewart, L.E.	SHR-1130	405-1193
AGRONOMY			
Crops	Slaughter, L.	HJP-1122	405-1315
Soils	Weil, R. (Coord.)	HJP-1103	405-1314
Turf & Urban Agronomy	Carroll, M.	HJP-1114	405-1339
Conservation—Soil, Water & Environment	Weil, R.	HJP-1103	405-1314
ANIMAL SCIENCE			
Coordinator	DeBarthe, J.	ANS-1415	405-1374
Dairy/Livestock	DeBarthe, J.	ANS-1415	405-1374
Poultry	Doerr, J.	ANS-3149	405-5782
COMBINED DEGREE, College of Agriculture, Veterinary Medicine			
	DeBarthe, J.	ANS-1415	405-1374
	Ingling, A.	GVC-1219	935-6083
FOOD SCIENCE	Westhoff, D. (Coord.)	ANS-2113	405-1377
	Schlimme, D.	HZF-1122B	405-4347
DIETETICS			
(A-E)	Jackson, R.	MMH-3303	405-4533
(F-J)	Curtis, S.	MMH-3308	405-4532
(K-O)	Moser-Veillon, P.	MMH-3209A	405-4502
(P-Z)	Prather, E.	MMH-3307	405-4531
AGRICULTURAL SCIENCES, GENERAL			
	Grant, L.P.	SHR-0102	405-1179
HORTICULTURE			
Crop Production & Science			
(A-J)	Bouwkamp	HZF-1123	405-4334
(K-R)	Gouin, F.	HZF-1120A	405-4374
(S-Z)	Hershey, D.	HZF-1105A	405-4341
Landscape Design			
Freshman and Transfers	Scarfo, R.	HZF-2103	405-4346
Sophomore	Pihlak, M.	HZF-2109A	405-4350
Junior	Hamed, S.	HZF-2109B	405-4339
Senior	Choose one from above		
HUMAN NUTRITION AND FOODS			
(A-M)	Ahrens, R.	MMH-3301	405-4523
(N-Z)	Castunguay, T.	MMH-3209B	405-4503
NATURAL RESOURCES MANAGEMENT			
	Kangas, P.	SYM-0218	405-1258
	Grant, L.P.	SHR-0102	405-1179
SCHOOL OF ARCHITECTURE			
General Information			
Stephen Sachs, Associate Dean		ARCH-1298	405-6284
Advisor assignments available in Room 1298, Architecture			
Urban Studies		LEF-1117	405-6799
COLLEGE OF ARTS AND HUMANITIES			
Dr. Robert Griffith, Dean		KEY-1102	405-2110
Undergraduate Academic Information			
Ms. Theresa Dipaolo, Director Undergraduate Studies		KEY-1111	405-2087
Professor Stephanie Pogue, Assistant Dean for Equity Affairs		KEY-1116	405-2118
Dr. Tom Moore, Advisor		KEY-1111	405-2110
Mr. Steve Alves, Advisor		KEY-1111	405-2110
Mr. Steve Becker, Advisor		KEY-1111	405-2110
Ms. Billie Folensbee, Advisor		KEY-1111	405-2110
General Information			
AMERICAN STUDIES PROGRAM	Kelly, G.	SCP-2101	405-1354
ART	Ruppert, J.	ASY-1211	405-1450
ART HISTORY			
	Quo, J.	ASY-4221	405-1499
	Sandler, M.	ASY-4216	405-1490
	Venit, M.	ASY-4214	405-1489
CHINESE	Sargent, S.	JMZ-2136	405-7376
CLASSICAL HUMANITIES	Staley, G.	JMZ-4210	405-2016
COMPARATIVE LITERATURE	Lanser, S.	SCP-2107	405-2853
DANCE	Wiltz, A.	TEE	405-3180
ENGLISH	Loizeaux, B.	SCP-2115	405-3825
FRENCH	Bondurant, D.	JMZ-3124	405-4034
GERMAN	Fagan, S.	JMZ-3211	405-4107
GREEK	Staley, G.	JMZ-4210	405-2016
HEBREW	Berlin, A.	JMZ-2106	405-4252
HISTORY	Rozenblit, M.	KEY-2116	405-4272
HOUSING AND DESIGN	Jacobs, W.	MMH-1401	405-4378
ITALIAN	Russell, C.	JMZ-3106G	405-4034
JAPANESE	Kerkham, E.	JMZ-4223	405-2855
JEWISH STUDIES	Cooperman, B.	KEY-2116C	405-4271
LATIN	Staley, G.	JMZ-4210	405-2016
LINGUISTICS	Lebeaux, D.	MIL-1113	405-7002
MUSIC	Jones, P.	TWS-2110	405-5563
PHILOSOPHY	Martin, R.	SKN-1121A	405-5695
RADIO, TELEVISION & FILM	Weiss, G.	TWS-1147	405-6258
ROMANCE LANGUAGES	Falvo, J.	JMZ-3103	405-4031
RUSSIAN AREA STUDIES	Majeska, G.	KEY-2165	405-4307
RUSSIAN LANGUAGE & LITERATURE	Martin, C.	JMZ-3215	405-4103
SPANISH & PORTUGUESE	Little, K.	JMZ-2202	405-6452
SPEECH COMMUNICATION	Miller, J.	SKN-2130	405-6523
THEATRE	Patrick, M.	TWS-0236	405-6684
WOMEN'S STUDIES	Thornton Dill, B.	MIL-1117	405-6978
COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES			
Dr. Irwin L. Goldstein, Dean		TYD-2141	405-1679
Dr. Stewart Edelstein, Associate Dean		TYD-2141	405-1679
Dr. Katherine Pedro Beardsley, Assistant Dean		TYD-2141	405-1679
Dr. Diana Ryder Jackson, Assistant Dean		TYD-2141	405-1679
ADVISEMENT AND RECORDS			
Coordinator of Academic Support Service	Scholl, G.	TYD-2115	405-1697
Records	Murray. E.	TYD-2115	405-1697
Candidate Clearance	Goebel, S.	TYD-2115	405-1697
Director of Undergraduate Advising	Byron, L.	TYD-2115	405-1697
College Academic Advisors	MacIntosh, L.	TYD-2115	405-1697
	Sperber, B.	TYD-2115	405-1697
	Marcks, L.	TYD-2115	405-1697
	Stecker, Jon	TYD-2115	405-1697
	Mason, T.	TYD-2115	405-1697
Center for Minorities	Langa, M.	LEF-2201	405-1708
Athletic Advising	Langa, M.	LEF-2201	405-1708
UNDERGRADUATE PROGRAMS			
AFRO-AMERICAN STUDIES PROGRAM	Pharr, N.	LEF-2169G	405-1168
ANTHROPOLOGY	Stuart, W.	WDS-0100	405-1423
CRIMINOLOGY, CRIMINAL JUSTICE	Wellford, C.	LEF-2220	405-4729
ECONOMICS	Meyer, P.	TYD-3145	405-3503
GEOGRAPHY	Cirrincione, J.	LEF-1123	405-4073
GOVERNMENT & POLITICS	Terchek, R.	LEF-2181J	405-4124
HEARING & SPEECH SCIENCE	McCall, G.	LEF-0138	405-4214
PSYCHOLOGY	Scholnick, E.	ZOP-1107	405-5866
SOCIOLOGY	Mohagadam, L.	ASY-2108	405-6389
UNDECIDED—See a college advisor.			

COLLEGE OF BUSINESS AND MANAGEMENT			
Mr. William E. Mayer, Dean			
Dr. William D. Bradford, Associate Dean			
Dr. Henry P. Sims, Director, Ph.D. Program			
Mr. Mark Wellman, Director, Masters Programs			
Dr. J.G. Mattingly, Assistant Dean of Undergraduate Studies			
Dr. D. King, Director of Undergraduate Student Services			
Ms. Stella Mirhadi, Assistant Director, Advisor	Consultant	MPA-1308	405-2286
Undergraduate Advisors	Empson-Rudolph, D.	MPA-1308	405-2286
	Fitzpatrick, K.	MPA-1308	405-2286
	Horick, B.	MPA-1308	405-2286
	Smith, C.	MPA-1308	405-2286
	Visaggio, S.	MPA-1308	405-2286
Records Office, Business	Pometto, J.	MPA-1308	405-2286
	Scott, T.	MPA-1308	405-2286
	Peters, S.	MPA-1308	405-2286
COLLEGE OF COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES			
Dr. Richard H. Herman, Dean		AVW-3400	405-4906
Undergraduate Academic Information			
Dr. Thelma M. Williams, Associate Dean		AVW-3400	405-2677
Ms. Deborah Reid Bryant. Assistant to Dean		AUW-3400	405-2677
Student Records	Coleman, R.	AVW-3400	405-2677
General Information			
ASTRONOMY	Mathews, T.	CSS-0223	405-1514
COMPUTER SCIENCE (special problems)	Kaye, G.	AVW-1103	495-2672
GEOLOGY	Stifel P.	GEO-1115	405-4365
MATHEMATICS	Adams, W.	MTH-1117	405-5053
PHYSICS	Crabill, J.	PHY-1120	405-5979
PHYSICAL SCIENCES	Williams, T.	AVW-3492	405-2677
COLLEGE OF EDUCATION			
General Information			
Dr. Jeanette Kreiser, Assistant Dean for Student Services		EDU-3119	405-2338
Undergraduate Student Services	Angeletti, K.	EDU-1235B	405-2352
Graduate Student Services	Campbell, E.G.	EDU-1205	405-2350
EDUCATION POLICY, PLANNING AND ADMINISTRATION	Schmidtlein, F.	EDU-2115	405-3590
	Finkelstein, B.	EDU-3112F	
	Hopkins, R.	EDU-2103	
	Huden, D.	EDU-2209	
	Lindsay, R.	EDU-0101C	
	Male, G.	EDU-0101A	
	Splaine, J.	EDU-2215	
COUNSELING & PERSONAL SERVICES	Rosenfield. S.,	EDU-3214C	405-2858
School Psychology	Teglasi, H.	EDU-3222	
	Strein, W.	EDU-3212	
School Counseling	Greenberg, K.	EDU-3222	
Community Counseling	Power, P.	EDU-3228	
College Student Personnel	McEwen, M.	EDU-3128	
Counseling Psychology	Birk, J.	EDU-3215	
	Hoffman, M.	EDU-3218	
Rehabilitation Counseling	Power, P.	EDU-3214A	
	Lawrence, R.	EDU-3234F	
Counseling & Consultation	Hershenson, D.	EDU-3214C	
CURRICULUM AND INSTRUCTION	Howe, A.	EDU-2311B	405-3324
Early Childhood	Amershek, K.	EDU-2207B	
	Fein, G.	EDU-2311F	
	Saracho, O.	EDU-1117	
Elementary Education			
	Eley, G.	EDU-2226K	
	Jantz, R.	EDU-2229	
	Johnson, M.	EDU-2226G	
	Roderick, J.	EDU-2231	
Secondary Education			
Art	Craig, R.	EDU-2304C	
	McWhinnie, H.	EDU-2304C	
English/Speech	McCaleb, J.	EDU-2304J	
	Slater, W.	EDU-2311J	
Foreign Language	DeLorenzo, W.	EDU-2304G	
	Wong, S.	EDU-2233	
Mathematics	Campbell, P.	EDU-2340F	
	Carey, D.	EDU-2204	
	Davidson, N.	EDU-2207A	
Music	Folstrom, R.	TSW-3141	
Physical Education	Owens, L.	HHP-2338	
Reading	Davey, B.	EDU-2304K	
	Dreher, J.	EDU-1117	
	Gambrell, J.	EDU-1117	
	Grant, R.	EDU-1117E	
Science	Holiday, W.	EDU-2226L	
	Layman, J.	EDU-2226J	
Social Studies	Cirrincione, J.	EDU-2227	
Industrial, Technological and Occupational Education	Stough, K.	JMP-3216B	405-4551
Industrial Arts	Beatty, C.	JMP-3216J	
Industrial Technology	Sullivan, D.	JMP-3216S	
Vocational Education	Herschbach, D.	JMP-3216F	
	Stough, K.	JMP-3216B	
Business Education	Spear, M.	JMP-3216	
Home Economics Education	Hultgren, F.	JMP-2210	
	Gentzler, Y.	JMP-3216	
HUMAN DEVELOPMENT	Robertson-Tchabo, E.	EDU-3304	
INSTITUTE FOR CHILD STUDY	Hardy, R.	EDU-3304	405-2827
MEASUREMENT, STATISTICS AND EVALUATION	Lissitz, B.	EDU-1228	405-3624
SPECIAL EDUCATION	Beckman, P.	EDU-1240B	405-6485
	Burke P.	EDU-1308	
	Cooper, D.	EDU-1240A	
	Egel, A.	EDU-1240C	
	Graham, S.	EDU-1308D	
	Harris, K.	EDU-1311D	
	Harry, B.	EDU-1311A	
	Hebeler, J.	EDU-1308	
	Kohl, F.	EDU-1240D	
	Leone, P.	EDU-1240E	
	Lieber, J.	EDU-1238	
	Malouf, D.	EDU-1220	
	Neubert, D.	EDU-1242	
	McLaughlin, M.	EDU-1500P	
	Speece, D.	EDU-1240F	

For advising and information, intended Education majors contact: Dawn Mulloy (EDSP) in room 1235 Education Building.; Staff (EDCI) in room 2311D Education Building; Kathy Angeletti (Undesignated or undecided) in room 1210 Education Building; or for EDIT call Department at 405-44565 or 405-4539.

COLLEGE OF ENGINEERING

General Information

Dr. George Dieter, Dean		EGR-1137	405-3868
Counselors	Rooney-Eckel, E.	EGR-1131	405-3855
	Nathan, M.	EGR-1131	405-3855
	Baldwin, R.	EGR-1131	405-3855
Center for Minorities in Science and Engineering			
Rosemary Parker		EGR-1134	405-3878
Lawanda Saddler-Assem, Assistant Director		EGR-1134	405-3878
AEROSPACE	Jones, E.	RGR-3188	405-1125
AGRICULTURAL	Stewart, L	SHR-1130C	405-1193
CHEMICAL	Weigand, W.	CHE-1223B	405-1916
CIVIL	Birkner, F.	EGR-1172	405-1948
ELECTRICAL	Pugsley, J.	AVW-2429	405-3685
FIRE PROTECTION	Bryan, J.	EGR-0151	405-3996
MECHANICAL	Walston, W.	EGR-2188	405-2409
NUCLEAR	Pertmer, G.	CHE-239A	405-5207
Engineering Co-op Program	Sauber, H.	EGR-1137B	405-3862

COLLEGE OF HEALTH AND HUMAN PERFORMANCE

General Information

Dr. John Burt, Dean		HHP-3310D	405-2438
Dr. Jerry Wrenn, Associate Dean		HHP-3310B	405-2442
Carol Vander Velden, Student Records		HHP-3310H	405-2442
Program Advisors			
KINESIOLOGY			
Kinesiological Sciences	Tyler, R.	HHP-2310	405-2473
Physical Education	Owens, L.	HHP-2338	405-2495
RECREATION	Annand, V	MMH-1214	405-2508
HEALTH EDUCATION			
Community Health, School Health	Hyde. D.	HHP-2374	405-2523
FAMILY STUDIES	Annand, V.	HHP-2356	405-7574

COLLEGE OF JOURNALISM

Prof. Reese Cleghorn, Dean		JRN-1117	405-2399
Dr. Greig M. Stewart, Assistant Dean		JRN-1117	405-2399
Olive Reid, Director of U.G. Programs		JRN-1119	405-2399
Undergraduate Advisors	Itzoe, D.	JRN-1119	405-2399
	Hendrix, S.	JRN-1119	405-2399
	TBA	JRN-1119	405-2399

COLLEGE OF LIBRARY & INFORMATION SCIENCES

Dr. Anne MacLeod, Acting Dean		HBK-4105	405-2033
Student Records and General Information	Barlow, D. (Asst. Dean)	HBK-4110	405-2038

COLLEGE OF LIFE SCIENCES

General Information

Dr. Paul H. Mazzocchi, Dean		SYM-1224	405-2080
Dr. William Higgins, Associate Dean		ZOP-2224	405-2078
Dr. Albert Klavon, Assistant Dean		SYM-1224	405-2080
Dr. Amel Anderson, Assistant Dean		SYM-1224	405-2085
BIOLOGICAL SCIENCES (New Program Fall 1991)			
	Olek, A. (Director)	SYM-1211	405-6892
	Armstrong, E.	SYM-2309	405-3912
	Barnett, N.	HJP-1219	405-1597
	Presson, J.	ZOP-2229	405-6904
	Smith, A.	MCB-2107	405-5430
BOTANY	Barnett, N.	HJP-1219	405-1597
CHEMISTRY/BIOCHEMISTRY	Harwood, W. (Director, Undergraduate Programs)	CHM-1309	405-1791
	Ammon, H.	CHM-1309	405-1791
	Boyd, A.	CHM-1309	405-1791
	Khanna, R.	CHM-1309	405-1791
	Ondov, J.	CHM-1309	405-1791
	Sampugna, J.	CHM-1309	405-1791
ENTOMOLOGY	Armstrong, E.	SYM-2309	405-3912
GENERAL BIOLOGICAL SCIENCES (Pre-Fall 1991)			
	Olek, A. (Director)	SYM-1211	405-6892
	Armstrong, E.	SYM-2309	405-3912
	Barnett, N.	HJP-1219	405-1597
	Presson, J.	ZOP-2229	405-6904
	Smith, A.	MCB-2107	405-5430
MICROBIOLOGY	Benson, S.	MCB-3136	405-5478
	Roberson, B.	MCB-2109	405-5445
	MacQuillan, A.	MCB-3117	405-5472
	Joseph, S.	MCB-2118	405-5452
	Smith, A. (Coord.)	MCB-2107	405-5430
	Stein, D.	MCB-2113	405-5448
	Voll, M.	MCB-2114	405-5449
	Weiner, R.	MCB-2111	405-5446
	Yuan, R.	MCB-1119	405-5436
ZOOLOGY	Undergraduate Advising Information	ZOP-2229	405-6904
PRE-PROFESSIONAL	Bradley, L.	TUR-3103	405-2793

UNDERGRADUATE STUDIES

Dr. Ira Berlin, Acting Dean		2130 Mitchell	405-9363
Dr. Maynard Mack, Jr., Associate Dean		2130 Mitchell	405-9359
Dr. Bonnie Oh, Assistant Dean		2130 Mitchell	405-9355
HEALTH PROFESSIONS ADVISING			
Pre-Dentistry			
Pre-Medicine			
Pre-Optometry			
Pre-Osteopathy			
Pre-Podiatry	Bradley, L.	TUR-3103	405-2793
Pre-Dental Hygiene			
Pre-Medical and Research Technology			
Pre-Nursing			
Pre-Pharmacy			
Pre-Physical Therapy	Stewart, D.	TUR-3103	405-2793
INDIVIDUAL STUDIES PROGRAM			
Dr. Bonnie Oh, Assistant Dean		2130 Mitchell	405-9355

LETTERS & SCIENCES (L&S)

Dr. Betty Beckley, Assistant Dean and Director		HBK-1117	314-8418
Dr. Wendy Whittemore, Assistant Director		HBK-1117	314-8418
Barbara Bennett, Exceptions to Academic Policy		HBK-1117	314-9401
Theresa McCain, Credit by Exam		HBK-1117	314-9423
Vee Vee Coleman, Receptionist		HBK-1117	314-8418
L&S ADVISOR/COORDINATORS			
Transfer Year Coordination	Tom Steen	HBK-1117	314-8418
Walk-In Advising	Sharon Dass	HBK-1117	314-8418
Mathematics Placement	Roberta Smit	HBK-1117	314-8418
Second Year Programs	Harriet Nokuri	HBK-1117	314-8418
Retention	Shirley Hess	HBK-1117	314-8418
Major Programs	Lynette Adams	HBK-1117	314-8418
SPECIAL INTEREST AREAS			
Architecture	Moira Breen	HBK-1117	314-8418
Business	Ingrid Bakalorz	HBK-1117	314-8418
Computer, Math, Physical Science	Robert Smit	HBK-1117	314-8418
Journalism	Sujata Moorti	HBK-1117	314-8418
Health & Human Performance	Chis Desouza	HBK-1117	314-8418
Pre-Law	Michele Hotlen, J.D.	HBK-1117	314-8418
GENERAL ADVISORS			
	Ingrid Bakalorz	HBK-1117	314-8418
	Saba Bokhari	HBK-1117	314-8418
	Moira Breen	HBK-1117	314-8418
	John Cordes	HBK-1117	314-8418
	Chris Desouza	HBK-1117	314-8418
	Michael Kurtzman	HBK-1117	314-8418
	Dean Hebert	HBK-1117	314-8418
	Sujata Moorti	HBK-1117	314-8418
	Jill Schultz	HBK-1117	314-8418
	Richard Sullivan	HBK-1117	314-8418
	Marco Turra	HBK-1117	314-8418
	Shailendra Verma	HBK-1117	314-8418
ADVISING ASSISTANTS			
	Sid Abrams	HBK-1117	314-8418
	Andra Gluck	HBK-1117	314-8418
	Berry Hill	HBK-1117	314-8418
	Javier Hernandez	HBK-1117	314-8418
	Wendy Japal	HBK-1117	314-8418
	Loretta Villar	HBK-1117	314-8418
	Jessica Whitmoyer	HBK-1117	314-8418

OFFICE OF MULTI ETNIC STUDENT EDUCATION

Academic Support Unit

Dr. Mary Cothran, Director	HBK-1101	405-5616
Dr. Jennifer V. Jackson, Assistant Director	HBK-1101	405-5616
Dr. Ronald Zeigler, Research Coordinator	HBK-1101	405-5616
Joel Smith, Academic Coordinator	HBK-1101	405-5616
Ms. Dottie Bass, Coordinator Outreach and programming	HBK-1101	405-5616
Ms. Bobbie Lee, Secretary	HBK-1101	405-5616

Advising Notes

Δ 22 Academic Information Δ

Requirements for Satisfactory Academic Progress—*Undergraduate Students*

THE FOLLOWING STANDARDS FOR UNDERGRADUATE ACADEMIC PERFORMANCE BECAME EFFECTIVE IN THE FALL 1984 SEMESTER. THEY APPLY TO ALL UNDERGRADUATE STUDENTS ON THE COLLEGE PARK CAMPUS, WHETHER PREVIOUSLY ENROLLED OR NEWLY ADMITTED.

GRADE POINT AVERAGE (G.P.A.)

1. Requirements for satisfactory academic progress are based solely upon grade point average. This is computed by dividing the TOTAL NUMBER OF QUALITY POINTS accumulated in courses for which a grade of A, B, C, D, or F has been assigned by the TOTAL NUMBER OF CREDITS ATTEMPTED in those courses. Courses for which a grade of "P", "S", "I", or "NGR" has been assigned are NOT included in computing the G.P.A.
2. Each letter grade has a numerical value: A = 4; B = 3; C = 2; D = 1; F = 0. Multiplying this value by the number of credits for a particular course gives the number of quality points earned for that course:

A = 4
B = 3
C = 2
D = 1
F = 0

X

NUMBER OF CREDITS IN THE COURSE = TOTAL QUALITY POINTS FOR THE COURSE

3. When a course is REPEATED, the grades will be averaged for the purpose of determining the number of quality points used to calculate the cumulative grade point average. First semester students and freshmen through the first 24 credits will receive quality points appropriate for the higher grade when calculating the grade point average. See also, "REPEATING COURSES" below.
4. An example of how a SEMESTER G.P.A. and a CUMULATIVE G.P.A. are calculated is given below:

Course	*Credits Attempted*	*Grade*	Quality Points
ENGL 101	3	C	6
MATH 110	3	B	9
ZOOL 101	4	A	16
PSYC 100	3	D	3
HIST 156	3	F	0
Current Semester Totals	16		34
Previous Semester Totals	27		74
	43		108

$$\text{SEMESTER G.P.A.} = \frac{\text{SEMESTER QUALITY POINTS}}{\text{SEMESTER CREDITS ATTEMPTED}} = \frac{34}{16} = 2.125$$

$$\text{CUMULATIVE G.P.A.} = \frac{\text{TOTAL QUALITY POINTS}}{\text{TOTAL CREDITS ATTEMPTED}} = \frac{108}{43} = 2.511$$

SATISFACTORY PERFORMANCE

A student whose cumulative G.P.A. is at least 2.00 will be considered as making satisfactory academic progress at the College Park campus.

Within any given semester, a student who completes 12 or more credits (excluding grades of 'P' and 'S') with a SEMESTER G.P.A. of 3.500, or higher, will be awarded **"ACADEMIC HONORS."** This notation will be placed on the student's transcript.

UNSATISFACTORY PERFORMANCE

Students with a CUMULATIVE G.P.A. of less than 2.00 fall into three categories: UNSATISFACTORY PERFORMANCE, ACADEMIC WARNING, and ACADEMIC DISMISSAL. The cumulative G.P.A. that defines each of these categories varies according to the CREDIT LEVEL as noted below.

CREDIT LEVEL = Courses with grades of A, B, C, D, F, P, S and transfer credit from other institutions, Advanced Placement, CLEP and other similar tests in which credit is given.

CREDIT LEVEL	UNSATISFACTORY PERFORMANCE	ACADEMIC WARNING	ACADEMIC DISMISSAL
0-13	1.999-1.290	1.289-0.230	0.229-0.000
14-28	1.999-1.780	1.799.1.280	1.279-0.000
29-56	1.999-1.860	1.859-1.630	1.629-0.000
57-74	1.999-1.940	1.939-1.830	1.829-0.000
75 OR MORE	—	1.999-1.940	1.939-0.000

1. Students whose cumulative G.P.A. falls within the **UNSATISFACTORY PERFORMANCE** category at the end of any semester will be urged, in writing, to meet with an advisor.
2. Students who receive an **ACADEMIC WARNING** will have that notation entered on their transcript and will be informed, in writing, to consult with an advisor prior to the beginning of their next semester. STUDENTS WHO DO NOT MEET WITH AN ADVISOR WILL NOT BE ALLOWED TO DROP OR ADD COURSES OR TO REGISTER FOR THE FOLLOWING SEMESTER.
3. **ACADEMIC DISMISSAL**
   A. Depending on the credit level attempted, students will be academically dismissed at the end of any semester when their CUMULATIVE G.P.A. falls into the ACADEMIC DISMISSAL range.
   B. After attempting 60 or more credits, any student who receives an ACADEMIC WARNING for TWO CONSECUTIVE SEMESTERS will be academically dismissed.
   C. No student transferring to the College Park Campus from OUTSIDE the University of Maryland system will be academically dismissed at the END OF THE FIRST SEMESTER if the cumulative G.P.A. is 0.23 or higher. After this first semester, the student will be subject to normal standards for academic progress. **NOTE: This provision does not apply to students reinstated or readmitted to the College park Campus.** A transfer student is defined as a student who has attended any regionally accredited institution of higher education following graduation from high school and attempted 9 or more credits.

ADDING/DROPPING COURSES

1. The FIRST TEN DAYS OF CLASSES during the Fall and Spring semesters are designated as being the SCHEDULE ADJUSTMENT PERIOD. A similar period of time is set aside during both summer sessions.
2. During the schedule adjustment period, students may ADD courses, DROP courses, or CHANGE SECTIONS. PART-TIME STUDENTS should pay particular attention to DIRECTIONS/DEADLINES in the Schedule of Classes to avoid incurring additional charges.
3. Courses ADDED during the schedule adjustment period will appear on the student's permanent record along with courses previously listed.
4. Courses DROPPED during the schedule adjustment period will NOT appear on the student's permanent record.
5. **Drop Policy**—The DROP PERIOD for Undergraduate Students will begin at the close of the Schedule Adjustment Period and terminate at the END OF THE TENTH WEEK OF CLASS. **DURING THIS DROP PERIOD, A STUDENT MAY DROP A MAXIMUM OF FOUR CREDITS.** If a course is more than four credits, the student may drop the entire course. In the case of a variable credit course, the credit level may be reduced by up to four credits.

Courses dropped after the schedule adjustment period will be recorded on the student's transcript with a "W" notation. This mark is NOT used in computing the semester or cumulative G.P.A.

REPEATING COURSES

1. Students may have one repeat of any given course in which a grade of A, B, C, D, F, P, S, or W has been earned on their records. If a course is repeated in which a student already has earned a grade of A,B,C,D,P, or S, the subsequent attempt will not increase the total credits earned toward the degree. All attempts at a given course resulting in one of the above noted grades will be included in the computation of the grade point average.
2. A student may register for a course NO MORE THAN TWO TIMES. A course dropped with a "W" notation will count as one of these two registrations.
3. Incompletes—The mark of 'I' cannot be removed through re-registration for the course or through "credit by examination."
4. For complete information see the Repeat Policy on this page or your academic advisor.

Students who need additional information about the STANDARDS FOR SATISFACTORY UNDERGRADUATE PROGRESS OR ABOUT OTHER ACADEMIC POLICIES AND REQUIREMENTS AT College Park should immediately contact an ACADEMIC ADVISOR in their college or department.

Course Numbering System

UNDERGRADUATE—eligible to register for courses numbered 000-499.

Course Numbering System

Number	Eligibility
000-099	Non-credit course
100-199	Primarily courses for first-year students
200-299	Primarily sophomore course
300-399	Junior, senior course not acceptable for credit toward graduate degrees
400-499	Junior, senior course acceptable for credit toward some graduate degrees
500-599	Professional School course (Dentistry, Law, Medicine) or post-baccalaureate course (not for graduate degree credit)
600-699	Course restricted to graduate students
799	Masters Thesis credit
899	Doctoral dissertation credit

NOTE: Courses with last digit of 8 or 9 can be repeated for additional credit

GRADUATE—eligible to register for courses numbered 400-899.

Repeat Policy-Undergraduate Students

The following policies apply to ALL courses that may not be repeated for additional credit.

1. The following students are required to follow the **new** Repeat Policy:
   a. All new freshmen who began at UMCP Fall 1990 and after.
   b. Transfer students from schools other than Maryland Community Colleges who began at UMCP Fall 1990 and after. This includes transfer students from another University of Maryland institution. (NOTE: There is one exception to this for students attending UMBC's College of Engineering.)
2. There is a limit to the number of times a student may repeat a course. **Students may have ONE repeat of any course in which they earned an A, B, C, D, F, P, S, W, I, NGR, or Audit;** they cannot be registered (after the Schedule Adjustment Period) for any given course more than twice. A student's Dean's Office may grant an exception allowing an additional course repeat. In this case, students must present a plan for successfully completing the course. **All attempts WILL be counted toward the total limit for repeatable credits.**
3. There is a limit to the number of credits that a student may repeat. The number of repeatable credits depends on each student's class standing when admitted to UMCP. The total credits at entry will be based on *acceptable* transfer credit, Advanced Placement, CLEP credits, etc. The following table outlines repeatable credit limits:

Credits at Entry	Class	Repeatable Credits
0-27	Freshman	18
28-55	Sophomore	14
56-85	Junior	10
86+	Senior	6

Under very unusual circumstances, a student may obtain an exception to these limitations by appealing to the Vice President for Academic Affairs/Provost.

4. The grade point average will include all attempts at a given course that results in a grade of A, B, C, D, or F. However, to help **freshmen and transfer students** adjust to the UMCP campus, the following two exceptions allow for the cumulative G.P.A. to be calculated so that **only the higher grade is included:**
   a. When the repeated course was taken within the student's first semester at UMCP,
   or
   b. When the repeated course was taken within the student's first 24 credit hours attempted (including transfer credits) or within the semester during which the student reached the 24th credit hour attempted
5. Any grade earned in prior attempts of a repeated course will appear on the student's transcript, regardless of whether the grade is dropped from, or averaged into, the cumulative grade point average.
6. Repeat by transfer—If a student repeats by transfer a course that was taken before or during the semester in which the student reached 24 credits attempted (including transfer credits) and the transfer grade is higher, then the original grade in the course will be excluded from the G.P.A. calculation.
   • If the course was taken after the semester in which the student reached 24 credits attempted, then the transfer course will not replace the original grade in the G.P.A. calculation. Special exceptions can be requested by the student's college dean in unusual circumstances.

Repeat Policy Prior To Fall 1990

The following students should follow the old Repeat Policy found on page 32 of the 1992-93 undergraduate catalog:

1. Students who began at UMCP before Fall 1990 (including students who entered UMCP for summer 1990)
2. Transfer students who began at a Maryland Community College before Fall 1990.
3. UMBC College of Engineering students who began before 1990.

Full-Time Status

DETERMINATION FOR UNDERGRADUATE STUDENTS

Effective August 1973, official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

FULL-TIME status is based on the following criteria:

1. Registered for 9 or more semester hours at the end of the Schedule Adjustment Period.
2. Courses registered for **AUDIT** are not included in the calculation of credits for full-time status.
3. UMEI PROGRAM Students enrolled in UMEI 001-004 are considered full-time students. If enrolled in UMEI 005 (semi-intensive), to meet the full-time requirement, undergraduate students must also register for 6-8 credits appropriate to their program.

(NOTE: Students on scholarships and grants are expected to maintain a semester credit load of 12 hours. If the registration of a student with a scholarship or grant falls below the required credit hours, the scholarship or grant is automatically cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the University. Such indebtedness can in turn lead to severance of services by the University.)

Students are limited to 19 credit hours per semester. Any exceptions must be approved by the student's college dean. Forms for this purpose will be available in the Dean's Office and should be turned in with registration materials.

Major Changes

If you wish to process a major change, go to the college.associated with your desired new major to obtain approval, advisement information, and a "Change of Major" form.

Students contemplating a change in major to Architecture (pending review), Business & Management, Education (pending review), Engineering, Government & Politics, Journalism, and Psychology should contact the Office of Undergraduate Admissions, 314-8378, for additional information regarding special requirements for entrance into these programs. Students with fewer than 56 credits not admitted directly into these programs may be admitted to the Division of Letters and Sciences, by going to the Undergraduate Advising Center and indicating a desire to do so.

Second Major: A student wishing to complete a second major in addition to his/her primary major, must obtain written permission from both the Dean of the primary major college and the Dean of the secondary major college. Forms for application to a second major are available at all college offices.

NOTE: A student must be enrolled in the major program from which he or she plans to graduate when registering for the final 15 hours of the baccalaureate program.

Second Degree: Refer to the Undergraduate Catalog for Second Degree information.

Foreign Language Placement

Students with prior experience in a foreign language are expected to enroll in courses at the highest level appropriate to their background. A student whose knowledge of a foreign language as deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis.

A student who is a native speaker and who is enrolling in a basic language course is expected to identify him/herself to the instructor to discuss proper placement.

NOTE: If you have taken an advanced placement exam in a foreign language contact the appropriate department to determine at which course level you should enroll.

Latin Courses: Students who have had Latin in high school are encouraged to work at the highest level of which they feel capable. The department advisor, Professor Gregory Staley, located in room 4210 of Jimenez Hall, will help students identify the appropriate courses in which to enroll. Normally students with less than one year of high school Latin take LATN 101. Those who enter with a full year of high school Latin register for LATN 102, with two full years, LATN 201. College credit is given to students who have earned 4 or 5 on the Advanced Placement Test in Latin.

French Department: Students who wish to register for FREN 101-203 must do so in accordance with the guidelines below. Exceptions may be granted only by written permission of the course chairperson. A student whose knowledge of French as deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an Audit basis.

Placement Guidelines:

FREN 101: For students who have never studied French or who have studied less than two years in high school.

FREN 102: For students who have completed FREN 101 on this campus.

FREN 103: For students with two years of high school French. This is a review of work normally completed by the end of Level 2. Students will not receive credit for FREN 103 if they have already received credit for FREN 102.

FREN 203: For students whose high school transcript shows completion of Level 3.

The French Department does not offer placement testing. For further assistance please contact Dr. Celeste Kinginger, Room 3102 Jimenez Hall.

Spanish Department. Students who wish to register for Spanish 101-211 must do so in accordance with the guidelines below. Any exception necessitates written permission from the Department of Spanish and Portuguese. Students must present their high school transcript for proper placement on the first day of class if they wish to enroll in SPAN 101, 102, 103, 201 or 202. See individual course description for more details.

A student whose knowledge of Spanish as deemed by the undergraduate advisor or the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis. Students who have taken the equivalent of 201 at another institution, are deemed to have satisfied the language requirement for Arts and Humanities.

Students will not receive credit for SPAN 103 if they already have credit for Spanish 102. When a student receives credit for any course above 102, he/she will not receive credit for any course which precedes it if it is in the same sequence. For example, if a student has credit for SPAN 311 (Advanced Conversation), he/she may not receive credit for SPAN 211 (Intermediate Conversation), if taken subsequently.

Consult the Placement List below to determine the appropriate Spanish level you may register for. Please consult the Department Advisor for additional information.

Spanish 101
0 years of Spanish
Level 1 Spanish
Level 2 Spanish with a grade of C or below

Spanish 102
Spanish 101 at the University of Maryland or equivalent course at another university
Level 2 Spanish with a grade of A orB (preferable placement is SPAN 103)

Spanish 103
Level 2 Spanish with a grade of A or B
Level 3 Spanish with a grade of C or below
Native speakers or majors of another Romance Language

Spanish 201
Spanish 102 or 103 at the University of Maryland or equivalent course(s) at another university
Level 3 Spanish with a grade of A or B
Level 4 Spanish with a grade of C or below

Spanish 202 or 211
Spanish 201 at the University of Maryland or equivalent course(s) at another institution
Level 4 Spanish or higher with a grade of A or B

Spanish 206
For students who speak Spanish (e.g. have grown up speaking Spanish, have lived in a Spanish speaking country) but have little or no formal courses in Spanish

Spanish 207
Spanish 202 or concurrent registration in Spanish 202

Chinese Placement: Non-majors are required to have an interview with the program placement advisor. Dr. William Brown, before they will be permitted to enroll for any Chinese language course (except CHIN 403 and 404).

German and Spanish Placement Schedule: During the semester there will be placement testing in Room 0106. Shoemaker Building. To be admitted for testing, students must have a picture I.D. Testing will be on Tuesday, September 7 at 3:00 p.m. and Wednesday, September 8 at 2.00 p.m. in the Testing Room, Shoemaker Building. Bring a picture I.D. in order to be admitted. All other times call D. Adelstein 314-7688 for an appointment.

College Foreign Language Requirements

College of Arts and Humanities Requirements: Students must demonstrate proficiency in a foreign language in one of the following ways.

1. Successful completion of a 12 credit sequence or intermediate level in college language courses.
2. Successful completion of level 4 in one language or level 2 in each of 2 languages in high school.
3. Successful completion of a language placement examination in one of the campus language departments offering such examinations.

College of Journalism Requirement. Completion, either by course work or placement, at the intermediate level of foreign language study.

Pass-Fail Option (Undergraduate Students)

1. To register for a course under the pass-fail option, an undergraduate must have completed 30 or more credit hours with a G.P.A. of at least 2.0. At least 15 of these credit hours must have been completed at UMCP with a University of Maryland G.P.A. of at least 2.0
2. Courses for which this option applies must be electives in the student's program. The courses may not be college, major, field of concentration, or general education program requirements.
3. Only one course per semester or one course per summer session may be registered for under the pass-fail option.
4. No more than 12 semester hours of credit may be taken under the pass-fail option during a student's college career.
5. Students may not choose this option when re-registering for a course.
6. When registering under the pass-fail option, a course that is *passed* will count as *hours* in the student's record but will not be computed in the grade point average. A course that is *failed* will appear on the student's record and will be computed both in the overall average and in the semester average.

NOTE: CHANGES OF GRADING OPTION MAY BE PROCESSED ONLY DURING THE FIRST TEN DAYS OF CLASSES. GRADUATE STUDENTS are not eligible for the PASS-FAIL grading option.

UMEI Program

Students enrolled in UMEI 001-004 are considered full-time students. If enrolled in UMEI 005 (semi-intensive), to meet the full-time requirement, undergraduate students must also register for 6-8 credits appropriate to their program.

Undergraduate Student Classifications

Freshman	1-27 semester hours	Junior	56-85 semester hours
Sophomore	28-55 semester hours	Senior	86 to at least 120 semester hours

*Zero level course work is not used in the calculation of cumulative credit hour totals.

Zero-Level Courses

CHEM 001* MATH 001* MATH 002*

These courses carry credit for billing and determination of full-time and part-time status. These courses are excluded from the calculation of semester and cumulative grade point averages.

*CHEM 001, and MATH 001/002 fees are discussed under Fees and Expenses.

Academic Dishonesty

Academic dishonesty is a corrosive force in the academic life of a university. It jeopardizes the quality of education and depreciates the genuine achievements of others. Apathy or acquiescence in the presence of academic dishonesty is not a neutral act. **All members of the University Community—students, faculty, and staff—share the responsibility to challenge and make known acts of apparent academic dishonesty.**

Any of the following acts, when committed by a student, is an act of academic dishonesty.

A. CHEATING

Intentionally using or attempting to use unauthorized materials, information or study aids in any academic exercise.

Comments:

1. Students completing any examination should assume that external assistance (e.g., books, notes, calculators, conversation with others) is prohibited unless specifically authorized by the instructor.
2. Students must not allow others to conduct research or prepare any work for them without advance authorization from the instructor. This comment includes, but is not limited to, the services of commercial term paper companies.
3. Substantial portions of the same academic work may not be submitted for credit or honors more than once without authorization.

B. FABRICATION

Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.

Comments:

1. "Invented" information may not be used in any laboratory experiment or other academic exercise without notice to and authorization from the instructor.
2. One should acknowledge reliance upon the actual source from which cited information was obtained.
3. Students who attempt to alter and resubmit returned academic work without notice to the instructor would be in violation of this section.

C. FACILITATING ACADEMIC DISHONESTY

Intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty.

D. PLAGIARISM

Intentionally or knowingly representing the words or ideas of another as one's own in any academic exercise.

Comments:

1. *Direct Quotation:* Every direct quotation must be identified by quotation marks or by appropriate indentation and must be promptly cited in a footnote. (Proper footnote style for many academic departments is outlined by the MLA Style Sheet or K.L. Turabian's *A Manual for Writers of Term Papers, Theses and Dissertations.)*
2. *Paraphase:* Prompt acknowledgement is required when material from another source is paraphrased or summarized in whole or in part in your own words.
3. *"Borrowed Facts or Information":* Information that is obtained in one's reading or research; which is not common knowledge among students in the course, must be acknowledged. Materials which contribute only to one's general understanding of the subject may be acknowledged in the bibliography and need not be immediately footnoted.

Academic dishonesty is a serious offense which may result in suspension or expulsion from the University. The normal sanction for academic dishonesty is a grade of "XF," denoting "failure due to academic dishonesty." That grade will normally be recorded on the transcripts of students found responsible for acts of academic dishonesty in addition to any other action taken (e.g., suspension or expulsion).

A forty member Student Honor Council has the responsibility to investigate allegations of academic dishonesty and to convene Honor Boards to adjudicate charges. In specified circumstances, the Student Honor Council will accept petitions to remove the grade of "XF" from a transcript and replace it with the grade of "F."

TO REPORT ACADEMIC DISHONESTY CALL THE HONOR COUNCIL AT 314-8450

STUDENTS INTERESTED IN SERVING ON THE HONOR COUNCIL SHOULD CONTACT THE DEAN OF THEIR COLLEGE.

The *Code of Academic Integrity* is reprinted in full in the Undergraduate Catalog. For further information, contact the Student Honor Council,2118 Mitchell Building (314-8450).

Δ 24 Academic Information Δ

Attendance And Assessment Policy

ATTENDANCE

1. The university expects each student to take full responsibility for his/her academic work and academic progress. The student, to progress satisfactorily, must meet the quantitative requirements of each course for which he/she is registered. Students are expected to attend classes regularly, for consistent attendance offers the most effective opportunity open to all students to gain developing command of the concepts and materials of their course of study. However, attendance in class, in and of itself, is not a criterion for evaluation of the student's degree of success or failure. Furthermore, absences (whether excused or unexcused) do not alter what is expected of the student qualitatively and quantitatively. Except as provided below, **absences will not be used in the computation of grades, and the recording of student absences will not be required of the faculty.**

2. It is the policy of the university to excuse the absences of students that result from the following causes: illness (where the student is too ill to attend class), religious observance (where the nature of the observance prevents the student from being present during the class period), participation in university activities at the request of university authorities, and compelling circumstances beyond the student's control. Students claiming excused absence must furnish documentary support for their assertion that absence resulted from one of these causes.

3. In certain courses, in-class participation is an ongoing requirement and an integral part of the work of the course, for example, courses in public speaking, requiring group discussion, emphasizing physical activity, conversation in foreign languages, and courses with laboratories. In other courses, occasional in-class assessments may occur, sometimes without advance notice. It is the responsibility of the instructor to inform each class at the beginning of the semester of the nature of in-class participation expected and what effect absences will have on the evaluation of the student's work in the course.

4. Absences in courses where In-class participation is a significant part of the work of the course shall be handled by the instructor in accordance with the general policy of the course department and college.

ASSESSMENT (Examinations, Tests, Quizzes)

1. The university provides for the rescheduling of significant student assessments without penalty, when such assessments are missed by students with an excused absence, except in cases where the nature of the assessment precludes the possibility of rescheduling. In no case may an examination be scheduled on Rosh Hashanah, Yom Kippur, Good Friday or the first two days at Passover. (Students who have concerns about other religious observances should consult with their instructor at the start of the semester.) An instructor is not under obligation to give a student a make-up assessment unless failure to perform was due to illness (where the student is too ill to attend class), religious observance (where the nature of the observance prevents the student from being present during the class period), participation in university activities at the request of university authorities, or compelling circumstances beyond the student's control. In cases of dispute, the student may appeal to the chair of the department offering the course within one week from the date of the refusal of the right to a make-up assessment. In those instances where the instructor is the chair, the appeal may be made to the dean. The decision of the department chair or college dean is final. When permitted, a make-up assessment must be given on campus unless the published schedule or course description requires other arrangements. The make-up assessment must be at a time and place mutually agreeable to the instructor and student, cover only the material for which the student was originally responsible, be at a comparable level of difficulty with the original assessment, and be given within a time limit that retains the currency of the material. The make-up assessment must not interfere with the student's regularly scheduled classes. In the event that a group of students requires the same make-up assessment, time may be scheduled at the convenience of the instructor and the largest possible number of students involved.

2. The student must notify the instructor of the reason for absence as soon as possible. **Where the reason for absence from a scheduled assessment is known well in advance** (for example, in cases of religious observance or participation in university activities at the request of university authorities), **THE STUDENT MUST INFORM THE INSTRUCTOR BY THE END OF THE SCHEDULE ADJUSTMENT PERIOD.** Prior notification is especially important in connection with final examinations, since failure to reschedule a final examination before conclusion of the final examination period may result in loss of credits during the semester. Where the reason is not known well in advance (for example, in cases of illness or compelling circumstances beyond the student's control), the student must inform the instructor as soon as the reason develops, or as soon as possible after its development.

3. All examinations and tests shall be given during class hours in accordance with the regularly scheduled (or officially "arranged") time and place of each course listed in the *Schedule of Classes.* Unpublished changes in the scheduling or location of classes/tests must be approved by the department chair and reported to the dean. It is the responsibility of the student to be informed concerning the dates of announced quizzes, tests, and examinations.

4. A final examination shall be given in every undergraduate course. Exceptions may be made with the written approval of the chair of the department or the dean. All final examinations must be held on the examination days of the Official Final Examination Schedule. No final examination shall be given at a time other than that scheduled in the Official Final Examination Schedule without written permmission of the department chair.

5. Graduating seniors will be expected to take final examinations during the regular final examination period. However, **graduating seniors are not required to take final examinations on the day of graduation or on any regularly scheduled day following graduation. In courses with examinations scheduled on those days, graduating seniors must notify their instructors by the end of the Schedule Adjustment Period.**

6. The chair of each department is responsible for the adequate administration of examinations in courses under his/her jurisdiction.

7. Every examination shall be designed to require for its completion not more than the regularly scheduled period. In the case of final examinations, the time allowed should not exceed the scheduled final examination period.

8. A typewritten, mimeographed or printed set of questions shall be placed in the hands of every examinee in every test or examination requiring at least one period, unless the dean has authorized some other procedure.

9. The following rules shall govern all university examinations, unless the instructor for a specific course stipulates alternate rules for that course. A breach of any of the rules shall constitute "disruption of class," a disciplinary offense *(Code of Student Conduct,* section 9[j]), and may serve as the basis of an allegation of academic dishonesty.
   a. Students arriving late for an examination may not unreasonably disrupt the examination room.
   b. Students must leave all unauthorized materials (e.g., books, notes, calculators) with the proctor before being seated.
   c. Where seating arrangements are established by proctors, students must conform to these arrangements.
   d. Students may not return to an examination room after leaving, unless permission to do so has been granted by the proctor prior to the student's departure.
   e. Students must cease conversation prior to the passing out of examination papers and maintain silence during the entire examination period.
   f. Students must place examination papers face down on the writing desk until the examination is officially begun by the proctor.
   g. Students must keep examination papers flat on the writing desk at all times.
   h. Students at an examination must be prepared to show current university identification.

10. Each faculty member is to retain, for one full semester after a course is ended, the students' final examinations. If a faculty member goes on leave for a semester or longer, or leaves the university, the final examinations and grade records for the course must be left with the department chair.

Attention CORE and USP Seniors

If you plan to graduate in December 1993, May 1994, or August 1994, please see your advisor for information about important changes in the CORE and USP Advanced Studies requirements.

CORE

GENERAL EDUCATION PROGRAM & REQUIREMENTS

The Purpose of General Education

Participation in a democratic society requires more than the central instruction provided by one major field of study. In our world of rapid economic, social, and technological change, a strong and broadly-based education is essential.

General education helps you achieve the intellectual integration and awareness you need to meet challenges in your personal, social, political, and professional lives. General education courses introduce you to the great ideas and controversies in human thought and experience. These courses provide the breadth, perspective, and rigor that allow UMCP graduates to claim to be "educated people."

Most Americans change their careers several times during their lifetime. A solid general education provides a strong foundation for the life-long learning that makes career-change goals attainable.

HOW TO GET THE MOST OUT OF YOUR GENERAL EDUCATION

* **PLAN** ahead and see an academic advisor regularly.
* **INVEST** in yourself; select CORE courses that will add to your understanding and appreciation of social, cultural, national, and international issues.
* **REMEMBER** that many general education courses can be double counted as major, department, and college requirements. Check listings carefully.

Which General Education Program is for YOU!

CORE

THE CORE LIBERAL ARTS AND SCIENCES STUDIES PROGRAM (CORE)
CORE was created to implement the Campus Senate report, "Promises to Keep: The College Park Plan for Undergraduate Education", which stressed active learning, writing, and critical thinking skills. CORE has been the required general education program at UMCP since Fall 1990. If you entered UMCP in May 1990 or thereafter with eight or fewer credits earned from UMCP or any other college, you must complete the CORE Program. Advanced Placement (AP) and other examination-based credits may fulfill some CORE, department, or college requirements, but these credits are not used to determine which general education program you complete. See CORE requirements and course lists on pages 26 and 27.

USP

THE UNIVERSITY STUDIES PROGRAM (USP)
USP preceded the CORE General Education Program. If you entered UMCP before May 1990 or if you entered with nine or more credits earned before May 1990 from UMCP or any other college, you may complete your general education requirements under USP. Advanced Placement (AP) and other examination-based credits may fulfill some CORE, department, or college requirements; but these credits are not used to determine which general education program you complete. You may choose to complete CORE instead of USP, and should consult your academic advisor about the possible benefits of doing so. See USP requirements and course lists on pages 28 and 29.

If You Transferred from a Maryland Community College, you will be treated as if your registration dates were concurrent with enrollment at the University of Maryland at College Park for the purpose of determining which general education program, CORE or USP, you must complete.

If You have Already Earned a Bachelor's Degree from a regionally accredited college or university, you are not required to complete general education requirements in order to earn a second bachelor's degree at UMCP.

Statute of limitations for previous General Education Programs at UMCP (GEP, GUR, USP)

If you returned or transferred to the College Park campus after August 1987, you will no longer have the option of completing general education requirements under the older General Education Program (GEP) or General University Requirements (GUR). Thereafter, if you return or transfer to College Park after a separation of five continuous years, you must follow the requirements in effect at the time of re-entry. If you had completed 60% of the general education requirements in effect at the time of separation, an exception may be granted.

CORE Liberal Arts & Sciences Studies Program (CORE)

The CORE Program strategically builds a sound skill and knowledge base over your four years of baccalaureate study and represents about one third of the total academic work you will complete for graduation.

CORE has four major components:

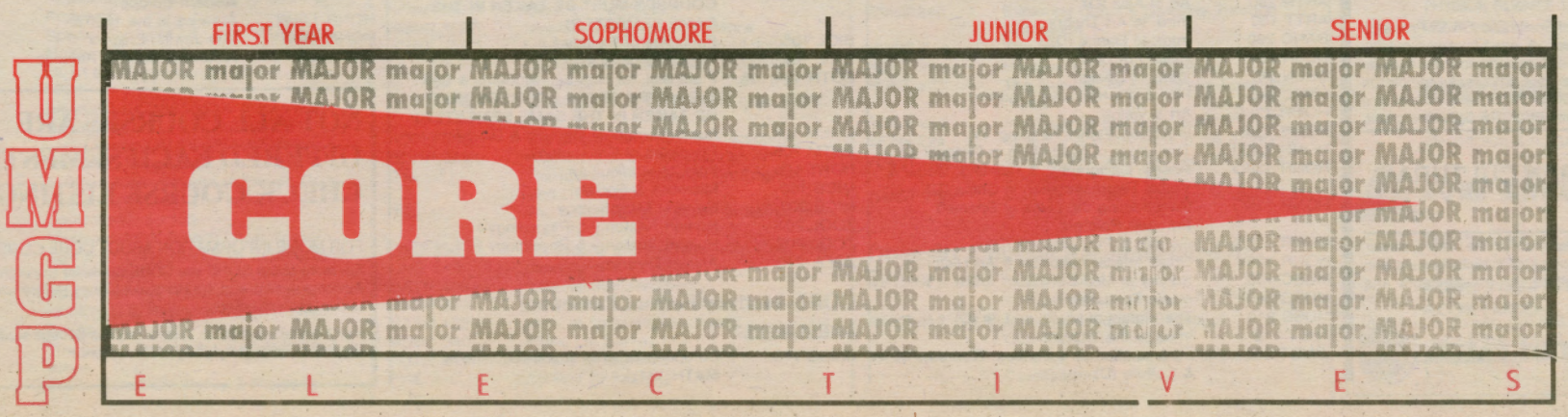
FUNDAMENTAL STUDIES build your competence and confidence in basic writing and mathematics. Mastery of these basics greatly enhances your success both during and after college. You begin fulfilling Fundamental Studies requirements in your first year at UMCP.

DISTRIBUTIVE STUDIES introduce you to broad areas of learning in many disciplines. Through these courses, you will explore different kinds of knowledge and the very nature of scholarship in the humanities, arts, natural sciences, mathematics, social sciences, and history. You will generally pursue Distributive Studies in your first two years of coursework.

ADVANCED STUDIES intensify the exploration you began with Distributive Studies. Advanced Studies courses encourage you to reflect upon the ways in which people in disciplines outside your own major approach contemporary social and ethical problems and develop knowledge. You will take Advanced Studies courses in your junior and senior years.

HUMAN CULTURAL DIVERSITY courses encourage all members of our diverse undergraduate community to learn about attitudes and cultures different from their own. You may complete the Diversity requirement at any time before graduation.

Approximate distribution of CORE courses throughout undergraduate program.



CORE PROGRAM OUTLINE

Courses used to fulfill CORE Requirements:

MUST be selected from the approved CORE course list. **MAY** also be used to satisfy college, major, and/or supporting area requirements if the courses also appear on CORE Fundamental or Distributive Studies lists. **MAY NOT** be taken on a Pass-Fail basis.

CORE FUNDAMENTAL STUDIES *3 courses*

1. One course in Introduction to Writing

[Must be attempted within first thirty credits and passed within first 60.]

Approved CORE Intro. to Writing Courses:

ENGL 101 Introduction to Writing
ENGL 101A Introduction to Writing (Must be taken if student has TSWE [SAT verbal subtest] score below 330)
ENGL 101H Introduction to Writing (Honors Students)
ENGL 101X Introduction to Writing (Students for whom English is a second language may register forENGL 101X instead of ENGL 101. To register for ENGL 101X, a student must present one of the following:

(1) 550 on the TOEFL, or

(2) 220 on the Comprehensive English Language Test (CELT) administered at the College Park campus by the Maryland English Institute (MEI), **OR**

(3) successful completion of the MEI's semi-intensive course in English.

Note: Based on TOEFL or CELT scores, students may be required to complete English language instruction for non-native speakers through the MEI before being allowed to register for ENGL 101X.)

Exemptions from Introduction to Writing:

* SAT verbal score 600 or above OR
* AP English score of 4 or 5

2. One course in Mathematics

(Must be attempted within first thirty credits and passed within first 60.)

Approved CORE Fundamental StudiesMathematics Courses:

MATH 110 Elementary Mathematical Models, or
MATH 115 Pre-calculus, or
Any 100 or 200 level MATH or STAT course except MATH 210, and MATH 211

Exemptions from Mathematics:

* SAT Math score 600 or above; **OR**
* College Board Achievement Test in Mathematics, Level I or II, score of 600 or above; **OR**
* AP score of 3 or above in Calculus AB or BC; **OR**
* Any CLEP Subject Examination in Mathematics score 60 or above.

3. One course in Professional Writing

(after 56 credits).

Approved CORE Professional Writing:

ENGL 391 Advanced Composition
ENGL 391H Advanced Composition (Honors Students)
ENGL 391X Advanced Composition (English as a Second Language [ESL])
ENGL 392 Advanced Composition (pre-law)
ENGL 393 Technical Writing
ENGL 393H Technical Writing (honors students)
ENGL 393X Technical Writing (ESL)
ENGL 393Z Technical Writing (includes computer assisted instruction)
ENGL 394 Business Writing
ENGL 395 Technical Writing (pre-med and health careers)

Exemption from Professional Writing:

*Grade of "A" in ENGL 101 (NOT ENGL 101A or ENGL 101X), except for students majoring in Engineering.

Note: No exemption from the Professional Writing requirement will be granted for achievement on SAT verbal exam.

CORE DISTRIBUTIVE STUDIES *3 COURSES*

1. Humanities and the Arts - *3 courses*

* One course from **Literature** list, and
* One course from **History/Theory of the Arts** list, and
* One more course from **Literature**, **OR History/Theory of Arts**, **OR Humanities** lists

2. Mathematics and the Sciences - *3 courses*

* Up to two courses from **Physical Sciences** list, and* Up to two courses from **Life Sciences** list, and
* Up to one course from **Mathematics/Formal Reasoning** list

*Notes: One course **MUST** include or be accompanied by a lab taken in the same semester. More than one lab course may be taken. All three courses may be selected from the science lists.*

3. Social Sciences and History - *3 courses*

* One course from **Social/Political History** list, and
* Two courses from **Behavioral and Social Sciences** list

CORE ADVANCED STUDIES *2 courses*

* One course from **Analysis of Social and Ethical Problems** list (outside the major; after 56 credits), **AND**
* One more course chosen from **Analysis of Social and Ethical Problems** list *(outside the major; after 56 credits)*, **OR Development of Knowledge** list *(outside the major; after 56 credits)*,**OR** Approved CORE Capstone list *(within major; after 86 senior)*

Notes: For CORE credit, Analysis of Social and Ethical Problems and Development of Knowledge courses must be taken outside the major and after 56 credits. CORE Capstone courses must be taken within the major and after 86 credits. Successful completion and defense of an honors thesis in either the General Honors or a Departmental Honors Program counts as CORE Capstone credit.

CORE HUMAN CULTURAL DIVERSITY *1 course*

Cultural Diversity courses focus primarily on: (a) the history, status, treatment, or accomplishment of women or minority groups and subcultures; (b) non-Western culture, or (c) concepts and implications of diversity.

Note: A number of CORE Cultural Diversity courses also satisfy CORE Distributive Studies or CORE Advanced Studies requirements or a college, major, and/or supporting area requirement.

APPROVED CORE COURSE LIST

Not all approved courses are offered each semester. Check course listings.

CORE FUNDAMENTAL STUDIES

*PLEASE REFER TO **CORE OUTLINE** FOR COURSE REQUIREMENTS AND EXEMPTIONS.*

CORE DISTRIBUTIVE STUDIES *9 courses*

1. *Students meeting CORE requirements must select courses from the CORE lists only.*
2. *Please consult the **Undergraduate Catalog** and the **CORE Guide** for additional information on requirements, prerequisites, etc.*
3. *In the following CORE Distributive Studies list, courses noted "(D)" also meet the CORE Diversity Requirement.*

Humanities & the Arts - *3 courses*

CORE Literature:

CHIN 213 Chinese Poetry into English: An Intro.
CHIN 313 Chinese Poetry & Prose in Transl'n (D)
CHIN 315 Modern Chinese Lit. in Transl'n (D)
CLAS 100 Classical Foundations
CLAS 170 Greek & Roman Mythology
CLAS 270 Greek Lit. in Transl'n
CLAS 271 Roman Lit. in Transl'n
CLAS 372 Classical Epic
CMLT 270 Global Lit. & Social Change (D)
CMLT 275 World Lit. by Women in Cross-cultural Perspective (D)
CMLT 277 Lit. of the Americas (D)
ENGL 201 Western World Lit., Homer to the Renaissance
ENGL 202 Western World Lit., Renaiss -Present
ENGL 205 Intro. to Shakespeare
ENGL 211 English Lit. from the Beginnings to 1800
ENGL 212 English Lit. from 1800 to the Present
ENGL 221 Amer. Lit.: Beginning to 1865
ENGL 222 Amer. Lit.: 1865 to the Present
ENGL 234 Intro. to African-American Lit. (D)
ENGL 240 Intro. to Fiction, Poetry & Drama
ENGL 241 Intro. to the Novel
ENGL 242 Intro. to Non-Fiction Prose
ENGL 243 Intro. to Poetry
ENGL 244 Intro. to Drama
ENGL 250 Intro. to Lit. by Women (D)
ENGL 277 Mythologies: An Intro.
FREN 240 Masterworks of French Lit. in Transl'n
FREN 241 Women Writers of French Expression in Transl'n (D)
FREN 242 Black Writers of French Expression in Transl'n (D)
FREN 250 Readings in French
FREN 351 French Lit. from the Revol. - Present
FREN 352 French Lit. from Middle Ages - Revol.
GERM 281 Women in German Lit. & Society (D)
GERM 282 Germanic Mythology
GERM 285 German Film & Lit.
GERM 349M Germanic Lit. in Transl'n: Masterworks of Yiddish Lit. (D)
GERM 371 Ancient Indic Culture & Civilization
GERM 372 Ancient Celtic Culture & Civilization
GERM 383 Viking Culture & Civilization
GERM 384 Germanic Chivalric Culture
HEBR 223 The Hebrew Bible: Narrative
HEBR 224 The Hebrew Bible: Poetry & Rhetoric
HEBR 231 Jewish Lit. in Transl'n
HONR 138A Classical Mythology, English Lit. & Art
HONR 138B Images of Masculinity in 20th Century Amer. Lit. & Film
HONR 138C Thanatos: The Many Meanings of Death
HONR 138D 19th & 20th Century English Lit.
HONR 138F Reading Contemp. Poems by Themselves
HONR 138J Lit. & Madness
HONR 138K Nature & Place: Crs. in Non-Fiction Prose
HONR 138W Representations of Gender in Latin Lit.
HONR 138X Lit. in a Global Society (D)
ITAL 251 Intro.. to Italian Lit.
ITAL 351 Italian Lit. from Dante to the Renaissance
ITAL 352 Italian Lit. from the Renaiss. - Present
RUSS 328 19th Century Russian Lit. in Transl'n
SPAN 221 Intro. to Lit.
SPAN 223 Rhetorical Strategies & Society in Golden Age Texts
SPAN 224 Violence & Resistance in Americas (D)
SPAN 321 Survey of Spanish Lit. I
SPAN 322 Survey of Spanish Lit. II
SPAN 323 Survey of Latin-American Lit. I
SPAN 324 Survey of Latin-American Lit. II

CORE History/Theory of the Arts

AMST 205 Material Aspects of American Life
ARCH 170 Intro. to the Built Environment
ARTH 100 Intro. to Art
ARTH 200 Art of the Western World I
ARTH 201 Art of the Western World II
ARTH 275 Art of Africa (D)
ARTH 290 Art of Asia (D)
ARTT 150 Intro. to Art Theory
DANC 200 Intro. to Dance (D)
DESN 204 History of Design
DESN 362 Ideas in Design
ENGL 245 Film & the Narrative Tradition
HONR 138E Art & Vision
HONR 138I Watching Poetry/Reading TV
HONR 138M The Limits of Naturalism in Pictorial Art
HONR 138O Poetry, Calligraphy, & Painting: Visual & Verbal Representation in China (D)
HONR 138Q Constructing the Lives of Spanish Baroque Painters
HONR 138R Gender & Performance (D)
HONR 138V Great Artists: Historical & Art Historical Survey of Music Lit.
MUSC 130 Music Fundamentals I
MUSC 140 The Impact of Music on Life (D)
MUSC 210 Intro. to the Theatre
THET 110 Intro. to Women's Studies: Women, Art, & Culture (D)
WMST 250

CORE Humanities Courses:

AASP 200 African Civilization
AMST 201 Intro. to American Studies
AMST 203 Popular Culture in America
AMST 204 Film & American Culture Studies
AMST 211 Technology & American Culture
EALL 300 The Languages of East Asia (D)
EDPA 210 Hist. & Philos. Perspectives on Education
FREN 202 Honors Intermed. French (in French)
GERM 280 German-American Cultural Contrast
HEBR 298J Special Topics in Jewish Studies: Authority, Faith, & Reason in Judaism (also PHIL 209I)
HIST 110 The Ancient World
HIST 112 The Rise of the West: 1500-1789
HONR 118A In Search of Ancient Astronomies (D)
HONR 118B Individual Rights from Cicero to Rand
HONR 118C West. Intellectual Heritage: Hero & Society
HONR 138G Lit., Landscape & Heritage
HONR 138L The Mind & Language
HONR 138N Gender Relations in Trad. Chinese Lit.
HONR 138P The Literary Film in Scandinavia
HONR 138S Music & Ritual
HONR 138T Censorship & the Writer: Literary Ethics in 18th & 19th Century Modern Europe
HONR 138U World Religions
HORT 160 Intro. to Landscape Architecture
JAPN 317 Buddhism & Japanese Lit. in Transl'n
LING 240 Language & Mind
PHIL 100 Intro. to Philosophy
PHIL 101 The Structure of Knowledge
PHIL 102 Truth & Reality
PHIL 103 Self & Identity
PHIL 105 God & Cosmos
PHIL 110 Plato's Republic
PHIL 140 Contemporary Moral Issues
PHIL 201 Issues in the Philosophy of Life
PHIL 209I Phil. Issues: Authority, Faith, & Reason in Judaism (also HEBR 298J)
PHIL 243 Philosophy of Rural Life
PHIL 245 Political & Social Philosophy I
PHIL 250 Philosophy of Science I
PORT 223 Portuguese Culture (in English)
PORT 224 Brazilian Culture (in English) (D)
RUSS 281 19th Century Russian Culture
SPAN 125 Spain: From Kingdoms to Nationalities

CORE Math. & Sciences *3 courses*

(At least one course MUST be from CORE Lab List.)

CORE Laboratory Courses

CORE Physical Sciences Laboratory:

IMPORTANT NOTES ABOUT ASTRONOMY COURSES:

1. **ASTR 100/110, may no longer be taken for CORE credit.** The ASTR 110 lab component will not be offered after Fall 1993.
2. **ASTR 100/111 is still a CORE lab course option.**
3. Most students who wish to take an introductory Astronomy lab course for CORE should take ASTR 101.

ASTR 100/111 (See notes above.) General Astronomy & Observational Astronomy Lab **(BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
ASTR 101 Intro. to Astronomy
CHEM 102 Chemistry of Our Environment
CHEM 103 General Chemistry I
CHEM 113 General Chemistry II
CHEM 121/122 Chemistry in the Modern World/ Lab Chem. **(BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
GEOG 201/211 Geog. of Environ. Sys. & Geog. of Environ. Sys. Lab **(BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
GEOL 100/110 Phys. Geol. & Phys. Geol. Lab **(BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
PHYS 102/103 Phys. of Music & Phys. of Music Lab **(BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
PHYS 106/107 Light, Perception, Photography & Visual Phenomena/Lab **(BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
PHYS 117 Intro. to Physics
PHYS 121 Fundamentals of Physics I
PHYS 122 Fundamentals of Physics II
PHYS 141 Principles of Physics
PHYS 142 Principles of Physics
PHYS 262 Gen. Phys. Vibrations, Waves, Heat, Electricity, & Magnetism
PHYS 263 Gen. Phys.: Electrodynamics
PHYS 272/275 Intro. Physics: Vibration, Waves, Heat, Fluids, Optics, & Light* & Experimental Physics I: Mechanics & Thermodynamics* **(BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**

CORE Life Sciences Laboratory:

AGRO 101 Intro. Crop Science
AGRO 302 Fundamentals of Soil Science
ANSC 211 Anatomy of Domestic Animals
BIOL 101/102 Concepts of Biology/Lab in Biol. **(BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
BIOL 105 Principles of Biology I
BIOL 106 Principles of Biology II
BOTN 104/105 Plant Biol. for Non-Sci. Students & Lab in Plant Biol. **(BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
CHEM 104 Fundamentals of Organic & Biochemistry
ENTM 205 Principles of Entomology
HORT 100 Intro. to Horticulture
MICB 100 Microbes & Society
MICB 200 General Microbiology
ZOOL 201 Human Anatomy & Physiology I
ZOOL 202 Human Anatomy & Physiology II
ZOOL 210 Animal Diversity

CORE Math or Formal Reasoning Laboratory:

CMSC 113 Computer Science II (Co-requisite is MATH 141)*

CORE Non-Laboratory:

Only those courses that appear on the approved CORE non-lab lists may be counted as CORE non-lab courses.

CORE Physical Sciences Non-Laboratory:

IMPORTANT NOTE ABOUT ASTRONOMY 100:

Starting Fall 1993, ASTR 100 is a **revised** course and is approved for CORE **non-lab** physical sciences. CORE non-lab credit will **not** be granted for the earlier version of the course.

ASTR 100 General Astronomy (first semester counted for CORE non-lab; see note above)
ASTR 200 Intro. Astronomy & Astrophysics
BOTN 123 Causes & Implications of Global Change (also GEOG/GEOL/METO 123)
CHEM 121 Chemistry in the Modern World
ENES 105 How Things Work - Basic Technological Literacy
ENME 111 Energy & Power Generation
GEOG 123 Causes & Implications of Global Change (also BOTN/GEOL/METO 123)
GEOG 140 Coastal Environments.
GEOL 120 Environmental Geology
GEOL 123 Causes an Implications of Global Change (also BOTN/GEOG/GEOL 123)
GEOL 212 Planetary Geology
HONR 128E Our Nuclear Society: From Chernobyl to PET Scans
HONR 128F Managing Planet Earth
HONR 128L Light, Optics, & Lasers
HONR 128M Intro. to Biological, Computer, & Cryptographic Codes
HONR 128O Symmetry
METO 123 Causes & Implications of Global Change (also BOTN/GEOG/GEOL 123)
PHYS 101 Contemporary Physics
PHYS 111 Physics in the Modern World
PHYS 112 Physics in the Modern World
PHYS 161 General Physics: Mechanics & Particle Dynamics
PHYS 171 Intro. Physics: Mechanics

CORE Life Sciences Non-Laboratory:

AGRO 105 Soil & Environmental Quality
ANSC 252 Intro. to the Diseases of Wildlife
BOTN 211 Ecology & Mankind
ENTM 100 Insects
HONR 128G Sea Monsters & Deep Sea Sharks
HONR 128I Why & How to Conserve Biodiversity
HONR 128N Environmental Biology of the Chesapeake Bay
HONR 128P Chemical Ecology
NUTR 100 Elements of Nutrition

CORE Math or Formal Reasoning Non-Laboratory:

CMSC 150 Intro. to Discrete Structures*
DESN 370 Computers, Graphics, & Design
HONR 128A Science & Pseudoscience: An Investigative Approach
HONR 128J Selected Mathematical Classics
MATH 111 Intro. to Probability
MATH 140 Calculus I
MATH 141 Calculus II
MATH 220 Elementary Calculus I
MATH 221 Elementary Calculus II
MATH 240 Intro. to Linear Algebra
MATH 250 Analysis I (Honors)
MATH 251 Analysis II (Honors)
PHIL 271 Symbolic Logic I
STAT 100 Elementary Statistics & Probability

CORE Social Sciences and History - *3 courses*

CORE Social or Political History:

AASP 100 Intro. to Afro-American Studies
AASP 202 Black Culture in the U.S.
HIST 106 American Jewish Experience
HIST 111 The Medieval World
HIST 113 Modern Europe: 1789 - Present
HIST 126 Jewish Civilization
HIST 156 History of the U.S. to 1865
HIST 157 History of the U.S. since 1865
HIST 174 Intro. to the History of Science
HIST 175 Science & Technology in Western Civilization
HIST 210 Women in America to 1880 (D)
HIST 211 Women in America since 1880 (D)
HIST 212 Women in European History, 1750 - Present (D)
HIST 234 History of Britain to 1485
HIST 235 History of Britain 1461-1714
HIST 236 History of Britain 1688 to Present
HIST 237 Russian Civilization (D)
HIST 250 Latin-American History I (D)
HIST 251 Latin-American History II (D)
HIST 275 Law & Constitutionalism in Amer. Hist.
HIST 282 History of the Jewish People I (D)
HIST 283 History of the Jewish People II (D)
HONR 148A America & the Mass Media Since 1945
HONR 148G Social & Group Violence in America
HONR 148I Uses of Education
HONR 148K The Comp. Anatomy of Two Cold Wars
HONR 148O The Military & the Media in Amer. Hist.
HONR 148R Crit'l Iss. in the African-Amer. Exper. in the Americas (D)
HONR 148T Oral Memoir & Autobiography: The Invention of Self
HONR 148U History of Crime & Criminal Justice in Modern Europe
HONR 148W America in the 1960's
HONR 148X The Jewish Enigma
KNES 293 History of Sport in America

NOT ALL COURSES ARE OFFERED EACH SEMESTER. CHECK COURSE LISTINGS.

FOR MORE INFORMATION ABOUT CORE CONSULT:

For more about CORE see CORE Guide for Undergraduate Advisors available at the Hornbake Library Reference Desk and in advising offices.

INFO online information system (access through student Workstations at Maryland [WAM] account.)

CORE Social Sciences & History Continued

CORE Behavioral and Social Science:

AASP 101	Public Policy & the Black Community
AMST 207	Contemporary American Cultures
ANTH 102	Intro. to Anthro.: Cultural Antropology & Linguistics
AREC 240	Intro. to Economics & the Environment
AREC 250	Elements of Agricultural & Resource Econ.
CCJS 105	Intro. to Criminology
CNEC 100	Intro. to Consumer Economics
ECON 105	Economics of Social Problems
ECON 201	Principles of Economics I
ECON 203	Principles of Economics II
ECON 205	Fundamentals of Economics
EDHD 230	Human Development & Societal Institutions(D)
GEOG 100	Intro. to Geography
GEOG 150	World Cities
GEOG 202	The World in Cultural Perspective
GVPT 100	Principles of Government & Politics
GVPT 170	American Government
GVPT 200	International Political Relations
GVPT 288A	Intro. to International Negotiations
GVPT 393	Honors Seminar in Public Policy, Political Behavior & Methodology
HESP 120	Intro. to Linguistics
HONR 148B	Culture & Gender: Conflict Between the Sexes (D)
HONR 148J	Religion & Culture
HONR 148M	The Idea of City Planning
HONR 148N	Religion in America
HONR 148P	Humor, Cognition, & Communication
HONR 148Q	Responsibility & Irresponsibility & the News Media
HONR 148S	The Death Penalty in America
HONR 148V	Society & the Criminal Justice System
JOUR 100	Intro. to Mass Communication
LING 200	Intro. Linguistics
PSYC 100	Intro. to Psychology
SOCY 100	Intro. to Sociology
SOCY 105	Intro. to Contemporary Social Problems
SOCY 227	Intro. to the Study of Deviance
WMST 200	Intro. to Women's Studies: Women & Society (D)

CORE ADVANCED STUDIES - *2 courses*

1. Students meeting CORE requirements must select courses from the CORE lists only.
2. One course must be selected from the CORE Advanced Studies Analysis of Social and Ethical Problems list The second course may be selected from CORE Analysis of Social and Ethical Problems, OR CORE Development of Knowledge, OR CORE Capstone lists.
3. Students must reach 56 credits before taking CORE Analysis of Social and Ethical Problems or CORE Development of Knowledge courses. Students must reach senior standing (86 credits) before taking CORE Capstone courses.
4. CORE Analysis of Social and Ethical Problems and CORE Development of Knowledge courses must be taken **outside** the students major. CORE Capstone courses must be taken **within** the student's major.
5. *Please consult the **Undergraduate Catalog** and the **CORE Guide** for additional information on requirements, prerequisites, etc.*
6. In the following CORE Advanced Studies list, courses noted "(D)" also meet the CORE Diversity Requirement. See advising note under "CORE Human Cultural Diversity" below.

CORE Analysis of Social and Ethical Problems:

(after reaching junior standing [56 credits]; outside the major)

AGRI 323	Developing Youth Programs
AGRI 400	Agricultural Technology Transfer
AGRO 303	International Crop Production (D)
AGRO 441	Sustainable Agriculture
AMST 330	Critics of American Culture
AMST 418B	Cultural Themes in Amer.: Culture & Mental Disorders
AMST 418D	Cultural Themes in Amer.: Growing Up American
AMST 428A	Amer. Cultural Eras: Social Dramas in American Cultural History
AMST 428D	Amer. Cultural Eras: The Great Depression & the 1930's
AMST 429B	Perspectives on Pop. Culture: Science Fiction in American Culture
ANSC 453	Animal Welfare
AREC 365	World Hunger, Population, & Food Supplies (D)
AREC 445	Agricultural Development in the Third World (D)
CCJS 331	Contemporary Legal Policy Issues
CHEM 374	Technology, Energy, & Risk
CNEC 310	Consumer Economics & Public Policy
CNEC 437	Consumer Behavior (also HLTH 437)
CNEC 456	Product Liability & Government Regulation
EDCP 462	The Disabled Person in American Society
EDIT 476	Application of Technology to Societal Problems
ENGL 379Q	Special Topics in Lit.: More's Utopia & Modern Utopian Visions
ENGL 415	Lit. of the Seventeenth Century, 1660-1700
ENGL 432	American Lit. 1865-1914: Realism & Naturalism
FMST 487	Legal Aspects of Family Problems
FMST 497	The Child & the Law
FREN 478C	Themes & Movements of French Lit. in Transl'n: I & They: The Individual in Conflict with Society
FREN 479A	Masterworks of French Lit. in Transl'n: Age of Anxiety: The Lit. of Existentialism & the Absurd
FREN 479D	Masterworks of French Lit. in Transl'n: Ideologies & Relations Between the Sexes (D)
GEOG 456	The Social Geography of Metropolitan Areas
GEOG 462	Water Resources Policy & Planning
GVPT 306	Global Ecopolitics
GVPT 403	Law, Morality, & War (also PHIL 446)
GVPT 423	Elections & Electoral Behavior
GVPT 441	History of Political Theory: Ancient & Medieval
GVPT 442	History of Political Theory: Medieval to Recent
GVPT 479A	Probs. of Amer. Public Policy: The Politics of the Vietnam War
HIST 307	The Holocaust of European Jewry
HIST 313A	Crisis & Change in European Society: Freedom & Authority as a Problem in Western Civilization
HIST 314A	Crisis & Change in the Middle East & Africa: Nationalism & Nation-Building in the Middle East (D)
HIST 316A	Crisis & Change in Latin Amer.: Slavery & Race Relations in Latin America (D)
HIST 341A	History of Anti-Semitism
HIST 458A	Selected Topics in Women's History: Victorian Women in England, France & the U.S. (D)
HLTH 437	Consumer Behavior (also CNEC 437)
HONR 378A	Lawyers & the Adversary System
HONR 378B	Modern Prose: the Non-Fiction Novel
HONR 378C	Diplomacy in a Changing World: International Relations in the 20th Century
HONR 378D	Reading & Writing About Grief & Loss
HONR 378E	Science & Society
HONR 378F	Land & Life
HONR 378G	Human Rights in the World Community: Issues & Action
HONR 378I	Campaigning for Congress: Candidates, Parties, & PACs in the 1992 Congressional Elections (also GVPT 399R)
HONR 378J	The Presidental Elections (also GVPT 399U)
HONR 378K	Lit. as Equipment for Living: Lit. & Ethics
HONR 378L	Assessing Risks - Trade-offs in a Technological World
HONR 378N	Madness in 1516: Erasmus, More, Ariosto, & Castiglione
HONR 378O	Amer. in the World: Grand Strategy for the 21st Century
HONR 378P	An Ancient Quarrel: Poetry vs. Philosophy
HONR 378Q	Before & After the Wall
HONR 378R	The Sociology of Revolutions
HONR 378V	Gender and Scientific Knowledge (D)
ITAL 411	Dante - in Transl'n
ITAL 471	The Italian Cinema: A Cultural Approach (**in English**; also ITAL 472)
ITAL 472	The Italian Cinema: A Cultural Approach (**in Italian**; see ITAL 471)
PHIL 441	History of Ethics: Hobbes to the Present
PHIL 446	Law, Morality, & War (also GVPT 403)
PHIL 447	Philosophy of Law
PORT 478A	Themes & Movements of Luso-Brazilian Lit. in Transl'n: Africa in Brazil
PSYC 354	Cross-Cultural Psychology (D)
SOCY 305	Scarcity & Modern Society
SOCY 333	Technology & Society
SOCY 431	Formal & Complex Organizations
SOCY 464	Military Sociology
SOCY 465	The Sociology of War
URSP 320	The Social & Technological City
ZOOL 313	Women & Science (D)
ZOOL 323	Brain & Behavior
ZOOL 381	Natural History of the Chesapeake Bay

CORE Development of Knowledge

(after reaching 56 credits; outside the major)

AGRO 440	Crops, Soils, & Civilization
AMST 418K	Cultural Themes in Amer.: Race in America: Theory & Policy (D)
AMST 432	Literature & American Society
ARHU 309A	Forms & Forces of Human Experience: An Interdisciplinary Exploration: Arts, Humanities, & Lit. in 17th-18th Century Europe
BCHM 361	Origins of Biochemistry
CLAS 320	Women in Classical Antiquity (D)
CLAS 470	Adv. Greek & Roman Mythology
ENGL 379E	Special Topics in Lit.: Film Analysis: The Rhetoric of Fictional Worlds
ENGL 379M	Special Topics in Lit.: Britain in the Age of Revolution 1760-1820
ENGL 453	Literary Criticism
ENGL 477	Studies in Mythmaking
ENGL 489C	Special Topics in English Language: The Language of the Law
GEOG 480	Adv. Remote Sensing
GEOL 301	Evolution in Geology
GERM 381	German Civilization I
GERM 382	German Civilization II
GVPT 429B	Problems in Political Behavior: Formal Theories of Politics
GVPT 443	Contemporary Political Theory
HEBR 440	Reconstructing the Civilization of Ancient Mesopotamia
HEBR 451	Issues in Jewish Ethics & Law (also PHIL 433)
HIST 401	The Scientific Revolution: From Copernicus to Newton
HIST 406	History of Technology
HONR 368B	Dance in World Culture
HONR 368C	Cracking the Cosmic Code: The Ideas of Relativity, Quantum Physics, & the Structure of Matter
HONR 368D	Ideas in Architecture
HONR 368F	Seminar in Animal Intelligence
HONR 368G	Medicine Against Disease: History of Concepts in Immunology & Cancer Research
HONR 368I	Crops, Soils, & Civilizations (also AGRO 440)
HONR 368J	The Origins of Western Philosophy
HONR 368K	Nature & Culture in American Art
ITAL 421	The Italian Renaissance (**in English**; also ITAL 422)
ITAL 422	The Italian Renaissance - **in Italian** (also ITAL 421)
LING 350	Philosophy of Language (also PHIL 360)
LING 440	Grammars & Cognition
MATH 406	Intro. to Number Theory
MATH 430	Euclidean & Non-Euclidean Geometries
MATH 452	Intro. to Dynamics & Chaos
MUSC 340	Music Lit. Survey I
NUTR 335	History of Nutrition
PHIL 310	Ancient Philosophy
PHIL 320	Modern Philosophy
PHIL 331	Philosophy of Art
PHIL 332	Philosophy of Beauty
PHIL 334	Philosophy of Music
PHIL 360	Philosophy of Language (also LING 350)
PHIL 416	Medieval Philosophy
PHIL 431	Aesthetic Theory
PHIL 433	Topics in Contemporary Philosophy: Issues in Jewish Ethics & Law (also HEBR 451)
PHIL 450	Scientific Thought I
PHIL 451	Scientific Thought II
PHIL 452	Philosophy of Physics
PSYC 457	Cultural Context of Psychological Development
THET 495	History of Theatrical Theory & Criticism
ZOOL 301	Biological Issues & Scientific Evidence
ZOOL 396	Biology of Extinct Animals

CORE Capstone:

(after reaching 86 credits; within the major)

1. CORE Capstone is intended as an additional **option** under CORE Advanced Studies for the **second** required CORE Advanced Studies course. It is **not** a CORE requirement. The list of approved CORE Capstone courses is expected to build slowly. Additional Capstone courses will be listed once approved.

DANC 485	Seminar in Dance
ENME 404	Mechanical Engineering Systems Design
GEOL 394	Research Problems in Geology
HIST 309	Proseminar in Historical Writing
HIST 396	Honor's Colloquium II

CORE Advanced Studies Capstone credit will be granted to students who earn a minimum of three credits for the **completion and defense of an Honors thesis** in their department or college. Contact your honors program director for details.

CORE HUMAN CULTURAL DIVERSITY - *1 course*

1. Students must earn credit for <u>one</u> Diversity course from the following list and may do so **at any time** before graduation. Generally, upper level (300 or higher) Diversity courses should not be attempted before earning 56 credits (junior standing). Lower and upper level courses are listed separately below.
2. In the following CORE Diversity list, courses noted • also meet CORE Distributive Studies requirements and courses noted •• also meet CORE Advanced Studies requirements. Diversity courses that are also approved for either CORE Distributive or CORE Advanced Studies may be double counted. In order to double count a Diversity course that is also approved for CORE Andvanced Studies, however, the course must: 1) be outside the student's major, and 2) be attempted after the student reaches the 56-credit level.

CORE Diversity Courses Recommended for Freshmen and Sophomores

ARTH 275	Art of Africa•
ARTH 290	Art of Asia•
CMLT 270	Global Lit. & Social Change•
CMLT 275	World Lit. by Women in Cross-cultural Perspective•
CMLT 277	Lit. of the Americas•
DANC 138	Intro. to Ethnic Dance (2 credits)
DANC 200	Intro. to Dance•
EDHD 230	Human Development & Societal Institutions•
ENGL 234	Intro. to African-American Lit.•
ENGL 250	Intro. to Lit. by Women•
FREN 241	Women Writers of French Expression in Transl'n•
FREN 242	Black Writers of French Expression in Transl'n•
GERM 281	Women in German Lit. & Society•
HIST 120	Islamic Civilization
HIST 210	Women in America to 1880•
HIST 211	Women in America since 1880•
HIST 212	Women in European History, 1750 - Present•
HIST 237	Russian Civilization•
HIST 250	Latin-American History I•
HIST 251	Latin-American History II•
HIST 255	African-American History
HIST 282	History of the Jewish People I•
HIST 283	History of the Jewish People II•
HONR 118A	In Search of Ancient Astronomies•
HONR 138O	Poetry, Calligraphy, & Painting: Visual & Verbal Representation in China•
HONR 138R	Gender & Performance•
HONR 138X	Lit. in a Global Society•
HONR 148B	Culture & Gender: Conflict Between the Sexes•
HONR 148R	Critical Issues in the African-American Experience in the Americas•
KNES 240	Exploring Cultural Diversity Through Movement
MUSC 210	The Impact of Music on Life•
PORT 224	Brazilian Culture (in English)•
PORT 225	The Cultures of Portuguese-Speaking Africa
SOCY 241	Inequality in American Society
SPAN 224	Violence & Resistance in the Americas•
WMST 200	Intro. to Women's Studies: Women & Society•
WMST 250	Intro. to Women's Studies: Women, Art, & Culture•

Diversity Courses Recommended for Juniors and Seniors

AASP 312	Social and Cultural Effects of Colonization & Racism
AASP 441	Science, Technology, & the Black Community
AASP 443	Blacks & the Law
AGRO 303	International Crop Production••
AMST 418J	Cultural Themes in America: Women & Family in American Culture
AMST 418K	Cultural Themes in America: Race in America: Theory & Policy••
AREC 365	World Hunger, Population, & Food Supplies••
AREC 445	Agricultural Development in the Third World••
ARTH 390	Art of China
ARTH 395	Art of Japan
ARTH 475	Ancient Art of Africa
ARTH 476	Living Art of Africa
ARTH 490	Chinese Painting
ARTH 495	Japanese Painting
ARTT 463	Principles & Theory: African-American Art
CCJS 498	ASpecial Topics in Criminology & Criminal Justice: Women & Crime
CHIN 313	Chinese Poetry & Prose in Transl'n•
CHIN 315	Modern Chinese Lit. in Transl'n•
CLAS 320	Women in Classical Antiquity••
CNEC 312	Economics of the Family
EALL 300	The Languages of East Asia•
ECON 375	Economics of Poverty & Discrimination
EDCP 420	Education & Racism
ENGL 348_	Literary Works by Women: (Topic will vary)
ENGL 360	African, Indian, & Caribbean Writers
ENGL 362	Caribbean Lit. in English
ENGL 368	Special Topics in the Lit. of Africa & the African Diaspora (Topic will vary)
FMST 381	Poverty, Affluence, & Families
FREN 478B	Themes & Movements of French Lit. in Transl'n: Autobiographical Fiction by Francophone Women Writers
FREN 479D	Masterworks of French Lit. in Transl'n: Ideologies & Relations between the Sexes••
FREN 499B	Lit. of Francophone
GEOG 326	Africa
GEOG 416	Overseas European Colonization & the Third World
GERM 349M	Germanic Lit.in Transl'n: Masterworks of Yiddish Lit.•
GVPT 446	Origins of Islamic Political Philosophy
HIST 314A	Crisis & Change in the Middle East & Africa: Nationalism & Nation-Building in the Middle East••
HIST 316A	Crisis & Change in Latin America: Slavery & Race RElations in Latin America••
HIST 458A	Selected Topics in Women's History: Victorian Women in England; France & the U.S.••
HIST 458B	Selected Topics in Women's History: Women in Africa
HIST 458C	Selected Topics in Women's History: Women in Medieval Culture & Society
HIST 461	Blacks in American Life: 1865 to Present
HIST 473	History of the Spanish Caribbean
HIST 474	History of Mexico & Central America I
HIST 475	History of Mexico & Central America II
HIST 491	History of the Ottoman Empire
HIST 496	Africa Since Independence
HLTH 471	Women's Health
HONR 348D	Women & the Military
HONR 378V	Gender and Scientific Knowledge••
JOUR 452	Women in the Media
JOUR 453	News Coverage of Racial Issues
KNES 492	History of the American Sportswoman in American Organizations
MUSC 320	Epic as Song & Saga: Cross-Cultural Perspectives
MUSC 432	Music in World Cultures I
MUSC 433	Music in World Cultures II
PSYC 354	Cross-Cultural Psychology••
RTVF 462	African-American Women Filmmakers
SOCY 325	Sociology of Gender
SOCY 498C	Special Topics in Sociology: Women & the Military
SPCH 482	Intercultural Communication
URSP 372	Equity Planning
ZOOL 313	Women & Science••

CORE CHECKLIST

This is just a quick checklist. Please refer to the CORE outline and course lists for details exemptions, restrictions, etc.

CORE FUNDAMENTAL STUDIES — 3 COURSES

MATH	ONE
INTRO. WRITING	ONE
PROF. WRITING	ONE

CORE DISTRIBUTIVE STUDIES — 9 COURSES

HUMANITIES & ARTS	*3 COURSES*
LITERATURE	ONE
HISTORY/THEORY OF THE ARTS	ONE
LIT. OR HIST./THEORY ARTS OR HUMANITIES	ONE
MATHEMATICS & SCIENCES (ONE COURSE MUST BE FROM CORE LAB LIST)	*3 COURSES*
PHYSICAL SCIENCE	UP TO TWO
LIFE SCIENCE	UP TO TWO
MATH OR FORMAL REASONING	ONE OPTIONAL
SOCIAL SCIENCES & HISTORY	*3 COURSES*
SOCIAL & POLITICAL HISTORY	ONE
BEHAVIORAL & SOCIAL SCIENCES	TWO

CORE ADVANCED STUDIES — 2 COURSES

ANALYSIS OF SOCIAL & ETHICAL PROBLEMS	ONE
ANOTHER ESP OR A DEVELOPMENT OF KNOWLEDGE OR A CORE CAPSTONE	ONE

HUMAN CULTURAL DIVERSITY — 1 COURSE

USP PROGRAM OUTLINE

Courses used to fulfill USP Requirements:

* **MUST** be selected from the approved USP course list. **MAY** also be used to satisfy college, major, and/or supporting area requirements if the courses also appear on USP Fundamental or Distributive Studies lists. **MAY NOT** be taken on a Pass-Fail basis.

USP FUNDAMENTAL STUDIES

3 courses

Please see CORE Fundamental Studies on preceding page. USP Fundamental Studies requirements are identical to CORE Fundamental Studies Requirements.

USP DISTRIBUTIVE STUDIES

8 courses
(2 courses from each of four areas):

List of approved USP courses follows USP Outline.

AREA A: Culture and History - two courses required

AREA B: Natural Sciences and Mathematics - two courses required

Notes: One course MUST be a lab science. More than one lab course may be taken.

AREA C: Literature and the Arts - two courses required; courses must be from two different departments

Note:The two AREA C courses must be taken in two different departments.

AREA D: Social and Behavioral Sciences - two courses required

USP ADVANCED STUDIES

2 courses required:

List of approved USP courses appears after USP Outline.

*One course from USP Analysis of Human Problems list (selected from outside the major; taken after 56 credits

AND

*One course from USP Development of Knowledge list (selected from outside the major; taken after 56 credits),

Notes: For USP credit, Analysis of Human Problems and Development of Knowledge courses must be taken outside the major and after reaching junior standing (56 credits).

FOR MORE INFORMATION ABOUT USP CONSULT:
Undergraduate Catalog from 1992 or earlier year. INFO online information system updated regularly (Access through student Workstations at Maryland [WAM] account.)

APPROVED USP COURSE LIST

Not all courses are offered each semester. Check course listings.

USP FUNDAMENTAL STUDIES

FRESHMAN COMPOSITION (USP) 3 credits, one couse; must be attempted by 30 credit level and completed by 60 credits: Same as CORE Fundamental Studies Approved Courses.

USP DISTRIBUTIVE STUDIES 8 COURSES

Area A: Culture and History

2 courses:

AASP 100	Intro. to Afro-American Studies
AASP 200	African Civilizations
AASP 202	Black Culture in the U.S.
AMST 201	Intro. to American Studies
AMST 205	Material Aspects of American Life
AMST 207	Contemp. American Cultures
ANTH 298A	Chesapeake: An Archaeology of Maryland
ANTH 298B	The First Americans
CHIN 101	Intensive Elem. Chinese I
CHIN 102	Elem. Spoken Chinese
CHIN 103	Elem. Written Chinese
CHIN 201	Intermed. Spoken Chinese I
CHIN 202	Intermed. Written Chinese I
CHIN 203	Intermed. Spoken Chinese II
CHIN 204	Intermed. Written Chinese II
CLAS 170	Greek & Roman Mythology
EDPA 210	Historical & Philosophical Perspect. on Education
ENGL 260	Intro. to Folklore
FMCD 330	Family Theories & Patterns
FREN 101	Elem. French I
FREN 102	Elem. French II
FREN 103	Review of Elem. French
FREN 121/121H	Accelerated French I
FREN 122/122H	Accelerated French II
FREN 203	Intermed. French
FREN 311	Adv. Comprehension & Expression in French
FREN 312	Intro. to French Civ.: The French Press
FREN 370	Aspects of French Civ.
GEOG 150	World Cities
GEOG 202	The World in Cultural Perspective
GEOG 321	Maryland & Adjacent Areas
GEOG 324	Europe
GEOG 325	Soviet Union
GEOG 326	Africa
GEOG 327	South Asia
GEOG 331	Southeast Asia
GERM 101	Elem. German I
GERM 102	Elem. German II
GERM 103	Review of Elem. German
GERM 148	Germanic Lang's. - Elem. I
GERM 149	Germanic Lang's. - Elem. II
GERM 201	Intermed. German I
GERM 202	Intermed. German II
GERM 248	Germanic Lang's. - Intermed. I
GERM 249	Germanic Lang's. - Intermed. II
GERM 280	German-American Cultural Contrast
GERM 281	Women in German Lit. & Society (in English)
GERM 282	Germanic Mythology
GERM 371	Ancient Indic Culture & Civ.
GERM 372	Ancient Celtic Culture & Civ.
GERM 381	German Civilization I
GERM 382	German Civilization II
GERM 383	Viking Culture & Civilization
GERM 384	German Chivalric Culture
GREK 101	Elem. Ancient Greek I
GREK 102	Elem. Ancient Greek II
GVPT 240	Political Ideologies
HEBR 111	Elem. Hebrew I
HEBR 112	Elem. Hebrew II
HEBR 211	Intermed. Hebrew I
HEBR 212	Intermed. Hebrew II
HEBR 333	Hebrew Civilization (in English)
HEBR 334	Hebrew Civilization (in English)
HIST 110	The Ancient World
HIST 111	The Medieval World
HIST 112	The Rise of the West, 1500-1789
HIST 113	Modern Europe, 1789-Present
HIST 120	Islamic Civilization
HIST 122	African Civilization
HIST 156	History of the U.S. to 1865
HIST 170	The Humanities I
HIST 171	The Humanities II
HIST 174	Intro. to the History of Science
HIST 175	Science & Technology in Western Civ.
HIST 176	Modern Business History
HIST 210	Women in America to 1880
HIST 211	Women in America Since 1880
HIST 234	History of Britain to 1485
HIST 235	History of Britain 1461-1714
HIST 236	History of Britain 1688 to Present
HIST 237	Russian Civilization
HIST 250	Latin American History I
HIST 251	Latin American History II
HIST 282	History of the Jewish People I
HIST 283	History of the Jewish People II
HIST 284	East Asian Civilization I
HIST 285	East Asian Civilization II
HONR 118	Freshman Honors Colloq., Cultural & Historical
HONR 318	Honors Seminar, Cultural & Historical
ITAL 101	Elem. Italian I
ITAL 102	Elem. Italian II
ITAL 121/121H	Accelerated Italian I
ITAL 122/122H	Accelerated Italian II
ITAL 203	Intermed. Italian
ITAL 204	Review Grammar & Composition
ITAL 211	Intermed. Conversation
ITAL 370	Italian Civilization - in Transl'n
JAPN 101	Elem. Japanese I
JAPN 102	Elem. Japanese II
JAPN 205	Intermed. Japanese I
JAPN 206	Intermed. Japanese II
JAPN 317	Buddhism & Japanese Lit. in Transl'n
KNES 293	History of Sport in America
LATN 101	Elem. Latin I
LATN 102	Elem. Latin II
LATN 120	Intensive Latin
LATN 201	Intermed. Latin
LATN 220	Intermed. Intensive Latin
PHIL 100	Intro. to Philosophy
PHIL 110	Plato's Republic
PHIL 243	Philosophy of Rural Life
PHIL 250	Philosophy of Science I
PORT 101	Elem. Portuguese
PORT 102	Elem. Portuguese
PORT 203	Intermed. Portuguese
RUSS 101	Elem. Russian I
RUSS 102	Elem. Russian II
RUSS 281	19th Century Russian Culture
SPAN 101	Elem. Spanish I
SPAN 102	Elem. Spanish II
SPAN 103	Review of Elem. Spanish
SPAN 201/201H	Intermed. Spanish
SPAN 202	Intermed. Grammar & Composition
SPAN 205	Intermed. Conversation
SPAN 311	Adv. Conversation I
SPAN 312	Adv. Conversation II
SPAN 325	Spanish Civilization I
SPAN 326	Spanish Civilization II
SPAN 346	Latin American Civilization I
SPAN 347	Latin American Civilization II
TEXT 347	History of Costume II
TEXT 363	History of Textiles
THET 310	The American Theatre

AREA B: NATURAL SCIENCES AND MATHEMATICS

2 courses

Note: One course must be from lab science list.

USP Laboratory Science Courses:

AGRO 101	Intro. to Crop Science
AGRO 302	Fundamentals of Soil Science
ASTR 100 & ASTR 110	Into. to Astronomy & Astronomy Lab **(NOTE: F'93 is last semester ASTR 110 will be offered.)**
OR	
ASTR 100 & ASTR 111	Intro. to Astronomy & Observational Astronomy Lab
ASTR 101	General Astronomy
BIOL 101 & BIOL 102	Concepts of Biology & Lab in Biology
BIOL 105	Principles of Biology I
BIOL 106	Principles of Biology II
BOTN 104 & BOTN 105	Plant Biology for Non-Science Students & Lab in Plant Biology
CHEM 102	Chemistry of Our Environment
CHEM 103	General Chemistry I
CHEM 104	Fundamentals of Organic & Biochemistry
CHEM 113	General Chemistry II
CHEM 121 & CHEM 122	Chemistry in the Modern World & Lab Chem.
ENTM 205	Principles of Entomology
GEOG 170 & GEOG 171	Maps & Map Use, & Maps & Map Use Lab
GEOG 201 & GEOG 211	Geog. of Environmental Sys. & Geog. of Environ. Sys. Lab
GEOL 100 & GEOL 110	Physical Geology & Physical Geology Lab
HORT 100	Intro. to Horticulture
KNES 360	Physiology of Exercise
MICB 100	Microbes & Society
MICB 200	General Microbiology
PHYS 102 & PHYS 103	Physics of Music & Physics of Music Lab
PHYS 106 & PHYS 107	Light, Perception, Photography, & Visual Phenomena, & Lab
PHYS 117	Intro. to Physics
PHYS 121	Fundamentals of Physics I
PHYS 122	Fundamentals of Physics II
PHYS 141	Principles of Physics I
PHYS 142	Principles of Physics II
PHYS 221	General Physics for Sci. Teachers I
PHYS 222	General Physics for Sci. Teachers II
PHYS 262	Gen. Phys.: Vibrations, Waves, Heat, Electricity & Magnetism
PHYS 263	Gen. Phys.: Electrodynamics, Light, Relativity & Modern Physics
PHYS 272 & PHYS 275	Intro. Phys.: Vibrations, Waves, Heat, Fluids, Optics, Light & Exper. Phys. I: Mechanics & Thermodynamics
PHYS 273 & PHYS 276	Intro. Phys.: Electrodynamics & Relativity & Exper. Phys. II: Electricity & Magnetism
ZOOL 210	Animal Diversity

USP Non-Laboratory Sciences and Mathematics:

AGRO 105	Soil & Environmental Quality
ANSC 101	Principles of Animal Science
ANTH 101	Intro. to Anthro.: Archaeology & Physical Anthropology
ASTR 100	Intro. to Astronomy
ASTR 350	Astronomy & Astrophysics
BIOL 101	Concepts of Biology
BOTN 103	Human Aspects of Plant Biology
BOTN 104	Plant Biology for Non-Science Students
BOTN 211	Ecology & Mankind
CHEM 121	Chemistry in the Modern World
ENAG 232	Water, A Renewable Resource
ENES 121	The World of Engineering
ENTM 100	Insects
GEOG 140	Coastal Environments
GEOG 170	Maps & Map Use
GEOG 201	Geography of Environmental Systems
GEOL 100	Physical Geology
GEOL 102	Historical Geology
GEOL 120	Environmental Geology
HESP 305	Anatomy & Physiology of the Speech Mechanism
HONR 128	Freshman Honors Colloq., Natural Sciences & Math.
HONR 328	Honors Seminar, Natural Sciences & Mathematics
MATH 111	Intro. to Probability
MATH 140	Calculus I
MATH 141	Calculus II
MATH 210	Elements of Mathematics
MATH 211	Elements of Geometry
MATH 220	Elem. Calculus I
MATH 221	Elem. Calculus II
MATH 240	Intro. to Linear Algebra
MATH 241	Calculus III
MATH 246	Differential Equations for Scientists & Engineers
MATH 250	Analysis I (Honors)
MATH 251	Analysis II (Honors)
NUTR 100	Elements of Nutrition
PHIL 271	Symbolic Logic I
PHYS 101	Contemp. Physics
PHYS 102	Physics of Music
PHYS 106	Light, Perception, Photography & Visual Phenomena
PHYS 111	Physics in the Modern World
PHYS 112	Physics in the Modern World
PHYS 161	General Physics: Mechanics & Particle Dynamics
PHYS 171	Intro. Physics: Mechanics
PSYC 206	Developmental Biopsychology
PSYC 301	Biological Basis of Behavior
SOCY 201	Intro. Statistics for Soc.
STAT 100	Elem. Statistics & Probability
ZOOL 181	Life in the Oceans

AREA C: LITERATURE & THE ARTS

2 courses:

Note: Courses must be taken in two different departments.

AASP 298L	Spec'l Top. in Afro-Amer. Studies: Intro. to African-American Lit. (also ENGL 234)
ARCH 170	Intro. to the Built Environment
ARCH 222	History of Western Architecture
ARTH 100	Intro. to Art
ARTH 200	Art of the Western World I
ARTH 201	Art of the Western World II
ARTH 275	Art of Africa
ARTH 290	Art of Asia
CHIN 213	Chinese Poetry in English: An Intro.
CHIN 313	Chinese Poetry & Prose in Transl'n
CHIN 314	Chinese Fiction & Drama in Transl'n
CHIN 315	Modern Chinese Lit. in Transl'n (also CMLT 488A)
CHIN 441	Traditional Chinese Fiction
CHIN 442	Modern Chinese Fiction
CLAS 270	Greek Lit. in Transl'n
CLAS 271	Roman Lit. in Transl'n
CMLT 488A	Genres: Modern Chinese Lit. in Transl'n (also CHIN 315)
DANC 200	Intro. to Dance
DESN 204	History of Design
ENGL 201	Western World Lit.: Homer to the Renaissance
ENGL 202	Western World Lit.: The Renaissance to the Present
ENGL 205	Intro. to Shakespeare
ENGL 211	English Lit. from Beginnings to 1800
ENGL 212	English Lit. from 1800 to the Present
ENGL 221	Amer. Lit.: The Beginning to 1865
ENGL 222	Amer. Lit.: 1865 to Present
ENGL 234	Intro. to African-American Lit. (also AASP 298L)
ENGL 240	Intro. to Fiction, Poetry, & Drama
ENGL 241	Intro. to the Novel
ENGL 242	Intro. to Non-Fiction Prose
ENGL 243	Intro. to Poetry
ENGL 244	Intro. to Drama
ENGL 245	Film & the Narrative Tradition
ENGL 246	The Short Story
ENGL 247	Lit. of Fantasy
ENGL 250	Intro. to Lit. by Women (also WMST 498E)
ENGL 302	English Medieval Lit. in Transl'n
ENGL 304	Major Works of Shakespeare
ENGL 305	Shakespeare & His Contemporaries: An Intro.
ENGL 345	Twentieth Century Poetry
ENGL 462	Folksong & Ballad
FREN 250	Readings in French
FREN 340	Modern French Lit. in Transl'n
FREN 351/351H	French Lit. from the Revolution to the Present
FREN 352/352H	French Lit. from the Middle Ages to the Revolution
GERM 220	Intro. to German Lit.
GERM 285	German Film & Lit.
HEBR 223	The Hebrew Bible: Narrative
HEBR 224	The Hebrew Bible: Poetry & Rhetoric
HEBR 231	Jewish Lit. in Transl'n
HEBR 322	Israeli Lit. in Transl'n
HONR 138	Freshman Honors Colloquium: Lit. & the Arts
HONR 338	Honors Seminar: Lit. & the Arts
HORT 160	Intro. to Landscape Architecture
ITAL 251	Intro. to Italian Lit.
ITAL 351	Italian Lit. from Dante to the Renaissance
ITAL 352	Italian Lit. from the Renaissance to the Present
MUSC 130	Survey of Music Lit.
MUSC 140	Music Fundamentals I
MUSC 141	Music Fundamentals II
MUSC 215	The Art of the Performer
RTVF 314	The Structure and Meaning of Film for Non-Majors
RUSS 221	Masterworks of Russian Lit. I
RUSS 222	Masterworks of Russian Lit. II
RUSS 328A	19th Cent. Russian Lit. in Transl'n I: From Pushkin to Dostoevsky
RUSS 328B	19th Cent. Russian Lit. in Transl'n II: From Dostoevsky to Chekhov
SPAN 221	Intro. to Lit.
SPAN 321	Survey of Spanish Lit. I
SPAN 322	Survey of Spanish Lit. II
SPAN 323	Survey of Latin American Lit. I
SPAN 324	Survey of Latin American Lit. II
THET 110	Intro. to the Theatre
WMST 250	Intro. to Women's Studies: Women, Art and Culture
WMST 498E	Spec'l Top. in Women's Studies: Intro. to Lit. by Women (also ENGL 250)

AREA D: SOCIAL AND BEHAVIORAL SCIENCES

2 courses:

AMST 203	Popular Culture in America
AMST 204	Film & American Culture Studies
AMST 206	Business & American Culture Studies
ANTH 102	Intro. to Anthro.: Cultural Anthropology & Linguistics
ANTH 221	Man & Environment
ANTH 241	Intro. to Archaeology

ANTH 271	Language & Culture
AREC 240	Intro. to Economics & the Environment
ARSC 310	Management & Leadership I
ARSC 320	National Security Forces in Contemp. American Society I
BSOS 200	Intro. to Applied Behavioral & Social Science
CCJS 100	Intro. to Criminal Justice
CCJS 105	Intro. to Criminology
CNEC 100	Intro. to Consumer Economics
ECON 105	Economics of Social Problems
ECON 201	Principles of Economics I
ECON 203	Principles of Economics II
ECON 205	Fundamentals of Economics
ECON 307	Development of Economic Ideas: Social Issues & Political Applications
ECON 310	Evolution of Modern Capitalism in Western Europe & the U.S.
ECON 311	American Economic Development
EDHD 230	Human Development & Societal Institutions
EDHD 306A	Study of Human Behavior
EDPA 201	Education in Contemp. American Society
FMST 201	Families in Communities
FOOD 110	Food for People
FOOD 300	Economics of Food Consumption
GEOG 100	Intro. to Geography
GEOG 110	The World Today: A Regional Geography
GEOG 130	Developing Countries
GEOG 203	Economic Geography
GVPT 100P	rinciples of Government & Politics
GVPT 170	American Government
GVPT 220	Intro. to Political Behavior
GVPT 273	Intro. to Environmental Policy
GVPT 343	Political Themes in Contemp. Lit.
HESP 120	Intro. to Linguistics
HIST 157	History of the U.S. Since 1865
HIST 275	Law & Constitutionalism in American History
HLTH 230	Intro. to Health Behavior
HLTH 285	Controlling Stress & Tension
HONR 148	Freshman Honors Colloq.: Social & Behavioral Sciences
HONR 348	Honors Seminar: Social & Behavioral Sciences
JOUR 100	Intro. to Mass Communication
KNES 287	Sport & American Society
KNES 350	The Psychology of Sports
KNES 385	Motor Learning & Skilled Performance
LING 200	Intro. to Linguistics
LING 240	Language & Mind
PHIL 140	Contemporary Moral Issues
PHIL 245	Political & Social Phil. I
PSYC 100	Intro. to Psychology
PSYC 221	Social Psychology
PSYC 235	Personality & Adjustment
PSYC 310	Perception
PSYC 353	Adult Psychopathology
PSYC 355	Child Psychology
RECR 130	Recreation & Leisure
RTVF 124	Mass Communication in 20th Century Society
SOCY 100	Intro. to Sociology
SOCY 105	Intro. to Contemp. Social Problems
SOCY 227	Intro. to the Study of Deviance
SOCY 230	Sociological Social Psychology
SOCY 241	Inequality in American Society
SOCY 300	American Society
SOCY 331	Work, Bureaucracy & Industry
SPCH 350	Foundation of Communication Theory
URSP 100	Intro. to Urban Studies & Planning
WMST 200	Intro. to Women's Studies: Women & Society

ADVANCED STUDIES *2 COURSES*

Descriptions of most courses are given in the current Undergraduate Catalog. In order to verify course prerequisites, you must read the description in the catalog. Course descriptions for courses which have an alphabetical suffix following the three digit number, such as PHIL 308F or HIST 321A, are printed in the section following the list of approved Advanced Studies (USP) Couses. Students completing, USP requirements must select from USP course lists only.

The following is the complete list of Advanced Studies (USP) approved courses. Not all of the courses listed below are offered every semester. Check the course listings to see which Advanced Studies (USP) courses are offered for the current semester.

ATTENTION: A course with the same number but a different suffix and title is NOT approved for Advanced Studies (USP) credit unless it is also in the list below.

ADVANCED STUDIES (USP) COURSES MUST BE TAKEN IN TWO DIFFERENT DEPARTMENTS OUTSIDE OF THE STUDENT'S *(EXCEPT HONOR'S COURSES).*

USP Development of Knowledge

1 course:

AASP 301	Applied Policy Analysis & the Black Community
AASP 303	Computer Applications in Afro-American Studies
AASP 498A	Spec'l Top. in Black Culture: Caribbean Lit. in English (also ENGL 362)
AGRO 440	Crops, Soils, & Civilization
AMST 418E	Cultural Themes in Amer.: the American Image of Africa
AMST 418K	Cultural Themes in Amer.: Race in America: Theory & Policy
AMST 428A	Amer. Cultural Eras: Social Dramas in American Cultural History
AMST 429B	Perspect. on Pop. Culture: Science Fiction in American Culture
AMST 432	Lit. & American Society
ANTH 371	Intro. to Linguistics
ANTH 389C	Research Problems: Cultural & Personality
ANTH 401	Cultural Anthropology: Principles & Processes
ANTH 451	Archaeology of the New World
ARHU 308B	An Interdisc. Anal. of Scandinavian Civ.
ARHU 309A	Forms & Forces of Human Exper.: An Interdis. Exploration - Arts, Humanities, & Lit. in 17th-18th- Century Europe
ASTR 300	Stars & Stellar Systems
ASTR 330	Solar System Astronomy
ASTR 340	Galaxies & the Universe
ASTR 380	Life in the Universe
BCHM 361	Origins of Biochemistry
CCJS 331	Contemp. Legal Policy Issues
CLAS 320	Women in Classical Antiquity
CLAS 470	Adv. Greek & Roman Mythology
CMLT 498B	Selected Top. in Comp. Lit.: History of Theatrical Theory & Criticism (also THET 495)
CMLT 498I	Selected Top. in Comp. Lit.: Phil. of Art (also PHIL 331)
DESN 474	Gaming Simulation in Design I
ECON 402	Macroeconomic Models & Forecasting
EDMS 451	Intro. to Educational Statistics
ENGL 320	English Romantic Lit.
ENGL 362	Caribbean Lit. in English (also AASP 498A)
ENGL 379E	Spec'l Top. in Lit.: Film Analysis: The Rhetoric of Fictional Worlds
ENGL 379I	Spec'l Top. in Lit.: Science & Lit.
ENGL 379J	Spec'l Top. in Lit.: Interpreting the Bible
ENGL 379K	Spec'l Top. in Lit.: Private Lives
ENGL 379L	Spec'l Top. in Lit.: The Great Divide: The Modern & Pre-Modern Worlds
ENGL 379M	Spec'l Top. in Lit.: Britain in the Age of Revolution, 1760-1820
ENGL 379O	Spec'l Top. in Lit.: Lang. & Gender: Male/ Female Difference in Lang. Use
ENGL 379V	Spec'l Top. in Lit.: Modern Poetry & the Visual Arts
ENGL 385	English Semantics
ENGL 412	Lit. of the 17th Century, 1660-1700
ENGL 432	Amer. Lit., 1865-1914: Realism & Naturalism
ENGL 440	The American Novel to 1910
ENGL 453	Literary Criticism
ENGL 477	Studies in Mythmaking
ENGL 479R	Spec'l Top. in Engl. & Amer. Lit. after 1800: Readers, Writers, & Rhetoric
ENGL 489A	Spec'l Top. in Engl. Lang.: The Language of Advertising
ENGL 489C	Spec'l Top. in Engl. Lang.: The Language of the Law
GEOL 301	Evolution in Geology
GERM 349A	Germanic Lit. in Transl'n: The Holocaust in Film & Lit.
GERM 479B	Selected Top. in Germanic Philology: Language & Science
GNED 301	The Arts & the Sciences
GVPT 399K	Seminar in Government & Politics: Greek Tragedy as Political Theory
GVPT 429B	Probs. in Political Behavior: Formal Theories of Politics
GVPT 441	History of Political Theory: Ancient & Medieval
GVPT 442	History of Political Theory: Medieval to Recent
GVPT 443	Contemporary Political Theory
GVPT 446	Origins of Islamic Political Phil.
HEBR 440	Reconstructing the Civ. of Ancient Mesopotamia
HEBR 451	Issues in Jewish Ethics & Law (also PHIL 433)
HIST 341	History of Anti-Semitism
HIST 401	The Scientific Revolution: From Copernicus to Newton
HIST 402	The Development of Modern Physical Science: From Newton to Einstein
HIST 403	20th Century Revolutions in the Physical Sciences
HIST 406	History of Technology
HIST 419C	Spec'l Top. in History: Redefining Gender in the U.S., 1880-1935
HLTH 498T	Ways of Knowing about Human Stress & Tension
HONR 368	Honors Seminar: Development of Knowledge
ITAL 421	The Italian Renaissance (in English; also ITAL 422)
ITAL 422	The Italian Renaissance - in Italian (also ITAL 421)
KNES 362	Philosophy of Sport
LING 440	Grammars & Cognition
MATH 406	Intro. to Number Theory
MATH 430	Euclidean & Non-Euclidean Geometries
NUTR 335	History of Nutrition
PHIL 308A	Studies in Contemp. Phil.: Phil. of Lit. & Film
PHIL 308D	Studies in Contemp. Phil.: Discovery & Analogy in Science
PHIL 308E	Studies in Contemp. Phil.: Phil. of History
PHIL 310	Ancient Philosophy
PHIL 328B	Studies in the History of Phil.: Marxist Phil.
PHIL 331	Philosophy of Art (also CMLT 498I)
PHIL 332	Philosophy of Beauty
PHIL 334	Philosophy of Music
PHIL 380	Philosophy of Psychology: Intro.
PHIL 385	Philosophy & Computers
PHIL 408D	Topics in Contemp. Phil.: Philosophical Issues in Art History
PHIL 408F	Topics in Contemp. Phil.: Contemp. French & German Phil.
PHIL 408S	Topics in Contemp. Phil.: The Nature of Scientific Understanding
PHIL 428A	Origins of the Modern Scientific World-View
PHIL 431	Aesthetic Theory
PHIL 433	Issues in Jewish Ethics & Law (also HEBR 451)
PHIL 447	Philosophy of Law
PHIL 450	Scientific Thought I
PHIL 451	Scientific Thought II
PHIL 452	Philosophy of Physics
PHIL 453	Philosophy of Science II
PHIL 455	Philosophy of the Social Sciences
PHIL 456	Philosophy of Biology
PHIL 458A	Topics in the Phil. of Sci.: Phil. of Agricultural Science
PHIL 458X	Topics in the Phil. of Sci.: Causation & Causal Thinking
PHIL 472	Philosophy of Mathematics
PHYS 42	0Principles of Modern Physics
PHYS 421	Intro. to Modern Physics
PHYS 490	History of Modern Physics
PHYS 499F	Spec'l Top. in Physics: Twentieth Century Physics - Physics for Managers & Analysts
PORT 478A	Themes & Movements of Luso-Brazilian Lit. in Transl'n: Africa in Brazil
PORT 478C	Themes & Movements of Luso-Brazilian Lit. in Transl'n: Women as Authors & Characters in Brazilian Fiction
PSYC 457	Cultural Context of Psychological Development
SOCY 403	Intermed. Sociological Theory
SOCY 498K	Selected Top. in Soc.: Sociology of Knowledge
SPCH 324	Communication & Gender
SPCH 450	Classical & Medieval Rhetorical Theory
THET 495	History of Theatrical Theory & Criticism (also CMLT 498B)
WMST 400	Theories of Feminism
ZOOL 301	Biological Issues & Scientific Evidence
ZOOL 323	Brain & Behavior

USP Analysis of Human Problems

1 course:

AASP 312	Social & Cultural Effects of Colonization & Racism
AASP 441	Science, Technology, & the Black Community
AASP 499A	Adv. Topics in Public Policy & the Black Community: Economics of Poverty & Discrimination (also ECON 375)
AGRI 323	Developing Youth Programs
AGRO 303	International Crop Production
AMST 330	Critics of American Culture
AMST 418B	Cult'l Themes in Amer.: Culture & Mental Disorders in Modern America
AMST 418C	Cult'l Themes in Amer.: The American Environment: Conservation & Energy
AMST 418D	Cult'l Themes in Amer.: Growing Up American
AMST 428B	Amer. Cultural Eras: American Film Culture in the 1960s
ANTH 389B	Research Probs.: Medicine, Health & Culture
AREC 365	World Hunger: Population & Food Supplies
AREC 433	Food & Agricultural Policy
AREC 445	Agricultural Development in the Third World
AREC 453	Natural Resource & Public Policy
ARHU 308A	Critical Eras: An Interdis. View: Post World War II Japan through Film & Fiction
CHEM 374	Technology, Energy, & Risk
CLAS 374	Greek Lit. in Transl'n
CMLT 433	Dante & the Romance Tradition (also ITAL 411)
CNEC 431	The Consumer & the Law
CNEC 437	Consumer Behavior (also HLTH 437)
ECON 315	Economic Development of Underdeveloped Areas
ECON 370	Labor Markets, Human Resources, & Trade Unions
ECON 375	Economics of Poverty & Discrimination (also AASP 499A)
ECON 451	Public Choice & Public Policy
ECON 490	Survey of Urban Economic Problems & Policies
EDCI 381	Schools & Children
EDCP 420	Education & Racism
EDCP 462	The Disabled Person in American Society
EDHD 413	Adolescent Development
EDHD 445	Guidance of Young Children
EDIT 476	Application of Technology to Societal Problems
EDIT 492	Issues Encountered in Daily Living in the Home
EDPA 400	The Future of the Human Community
EDPA 401	Educational Technology, Policy & Social Change
ENAG 315	Energy: Its Effects on Agriculture & Food
ENGL 379F	Spec'l Top. in Lit.: Coping with Change
ENGL 379N	Spec'l Top. in Lit.: Lit. of Sentiment & Sentimentality
ENGL 379Q	Spec'l Top. in Lit.: More's Utopia & Modern Utopian Visions
ENGL 379R	Spec'l Top. in Lit.: Different Views of the Chesapeake Bay
ENGL 379S	Spec'l Top. in Lit.: Changing Ideas of the City in Western Lit.
ENGL 379T	Spec'l Top. in Lit.: On Argument
ENGL 479A	Selected Top. in English & Amer. Lit. After 1800: Ideal & Real Communities in 19th Century Amer. Lit.
ENTM 303	International Pesticide Problems & Solutions
FMST 381	Poverty & Affluence Among Families & Communities
FMST 431	Family Crises & Intervention
FMST 487	Legal Aspects of Family Problems
FMST 497	The Child & the Law
FREN 478B	Themes & Movements of French Lit. in Transl'n: Autobiographical Fiction by Francophone Women Writers
FREN 478C	Themes & Movements of French Lit. in Transl'n: Conflict Between Individual & Society in French Lit.
FREN 479A	Masterworks of French Lit. in Transl'n: The Age of Anxiety: The Lit. of Existentialism & the Absurd
FREN 479D	Masterworks of French Lit. in Transl'n: Ideologies & Relations between the Sexes
GEOG 434	Agricultural & Rural Development
GEOG 456	Social Geography of Metropolitan Areas
GEOG 462	Water Resources Policy & Planning
GEOG 463	Geographic Aspects of Pollution
GEOG 464	Energy Resources & Planning
GERM 389J	Topics in Germanic Culture: Honor as a Theme in Western Lit.
GERM 389R	Topics in Germanic Culture: Reason & Faith
GNED 300	Perspectives on Nuclear War
GVPT 306	Global Ecopolitics
GVPT 403	Law, Morality & War (also PHIL 446)
GVPT 405	Defense Policy & Arms Control
GVPT 432	Civil Rights & the Constitution
GVPT 457	American Foreign Relations
GVPT 462	Urban Politics
GVPT 471	Women & Politics
HIST 307	The Holocaust of European Jewry
HIST 312A	Crisis & Change in the U.S.: The Changing Urban Scene
HIST 312B	Crisis & Change in the U.S.: Dynamics of Federal Indian Policy
HIST 313A	Crisis & Change in Euro. Society: Freedom & Authority
HIST 314A	Crisis & Change in the Middle East & Africa: Nationalism & Nation Building in the Middle East
HIST 316A	Crisis & Change in Latin Amer.: Slavery & Race Relations
HIST 340	Eastern Europe Under Communism
HIST 342	Fascism: Theory & Practice
HIST 407	Technology & Social Change in History
HIST 419F	Spec'l Top. in History: Deviance & Western Culture
HIST 458A	Selected Top. in Women's History: Victorian Women in England, France & the U.S.
HLTH 437	Consumer Behavior (also CNEC 437)
HLTH 476	Death Education
HLTH 490	Theories of Children's Love & Peace Behaviors
HONR 378	Honors Seminar: Analysis of Human Problems
ITAL 411	Dante - in Transl'n (also CMLT 433)
NUTR 425	International Nutrition
NUTR 498F	Selected Top.: Development & Modification of Food Habits
PHIL 308B	Studies in Contemp. Phil.: Phil. of Life
PHIL 308F	Studies in Contemp. Phil.: Philosophical Aspects of Feminism
PHIL 340	Making Decisions
PHIL 342	Moral Problems in Medicine
PHIL 408A	Topics in Contemp. Phil.: Analysis & Design of Legal & Moral Institutions
PHIL 408L	Topics in Contemp. Phil.: Racial & Sexual Discrimination
PHIL 441	History of Ethics: Hobbes to the Present
PHIL 446	Law, Morality & War (also GVPT 403)
PHYS 318N	Topics in Contemp. Physics: the Risks of Nuclear Power
PSYC 354	Cross-Cultural Psychology
SOCY 305	Scarcity & Modern Society
SOCY 325	The Sociology of Gender
SOCY 333	Technology & Society
SOCY 410	Social Demography
SOCY 427	Deviant Behavior
SOCY 431	Formal & Complex Organizations
SOCY 441	Social Stratification & Inequality
SOCY 460	Sociology of Work
SOCY 464	Military Sociology
SOCY 474	Soviet Ethnic Issues
SOCY 498A	Selected Top. in Soc.: Medical Sociology
SOCY 498N	Selected Top. in Soc.: Sociology of Nuclear War
SOCY 498R	Selected Top. in Soc.: Work, Family, Community & Friendship: Issues in Social Identity & Well Being
ZOOL 346	Human Genetics & Society
ZOOL 381	Natural History of the Chesapeake Bay

NOT ALL COURSES ARE OFFERED EACH SEMESTER. CHECK COURSE LISTINGS.

USP CHECKLIST

This is just a quick cheklist. Please refer to the USP outline and course lists for details exemptions, restrictions, etc.

☐ **USP FUNDAMENTAL STUDIES** 3 COURSES

MATH	ONE
INTRO. WRITING	ONE
PROF. WRITING	ONE

☐ **USP DISTRIBUTIVE STUDIES** 8 COURSES

AREA A: CURTURE & HISTORY	TWO
AREA B: CURTURE & HISTORY (ONE COURSE MUST BE FROM THE LAB SCIENCE LIST)	TWO
AREA C: CURTURE & HISTORY (COURSES MUST BE FROM TWO DIFFERENT DEPARTMENTS)	TWO
AREA D: CURTURE & HISTORY	TWO

☐ **USP ADVANCED STUDIES** 2 COURSES

USP DEVELOPMENT OF KNOWLEDGE	ONE
USP ANALYSIS OF HUMAN PROBLEMS	ONE

Δ 30 What's New & Interesting Δ

DEPARTMENT OF AGRONOMY

AGRO 105 - SOIL AND THE ENVIRONMENT. CORE Distributive Studies: Life Science. This is a down-to-earth course that uses an ecological approach and a worm's eye view of the soil system to get you involved with such critical issues as non-point source pollution of the Bay, solid waste management, food production, land use planning, home-site selection, radon gas poisoning, and more.

DEPARTMENT OF CLASSICS

CLAS 100 - CLASSICAL FOUNDATIONS. (Approved for CORE). An introduction to the cultures and thought of Greece and Rome based largely on a critical examination of important works of classical literature (in English). In exploring a seminal era in the history of the Western world the focus will be on central topics such as: the birth of democracy, the first philosophers and scientists, Greek and Roman theater, the Age of Augustus, Life and Death in the Roman Empire. TuTh 9:30-10:45, Professor John Duffy.

COMPARATIVE LITERATURE PROGRAM

CMLT 214 - FILM FORM AND CULTURE. Introduction to film forms in international perspective, with an emphasis on the techniques of film analysis, distinctions among film genres, and the history of cinema. CORE Distributive Studies approval pending.

CMLT 270 - GLOBAL LITERATURE AND SOCIAL CHANGE. Cross-cultural study of literature and film from Africa, Asia, America, and the Caribbean in light of artistic, social, and political developments. Satisfies both CORE Literature and Cultural Diversity requirements.

CMLT 275 - WORLD LITERATURE BY WOMEN IN A CROSS CULTURAL PERSPECTIVE. Comparative study of selected works by women writers from diverse countries and cultures. Satisfies both CORE Literature and Cultural Diversity requirements.

CMLT 277 - LITERATURES OF THE AMERICAS. Comparative study of literatures of the Western Hemisphere with a focus on similarities and differences among cultures of North, South, and Central America. Satisfies both CORE Literature and Cultural Diversity Requirements.

DEPARTMENT OF COMPUTER SCIENCE

CMSC 106 - By popular demand—design and analysis of programs in the C programming language. An introduction to computing using structured programming concepts. Designed specifically for non-computer science majors.

DEPARTMENT OF FRENCH AND ITALIAN

FREN 240 - MASTERWORKS OF FRENCH LITERATURE IN TRANSLATION (3 credits, Staff.) An introductory survey of French masterworks from the 17th century to the 20th century. No knowledge of French required. Meets the CORE Literature and Diversity requirements.

FREN 241 - FRENCH WOMEN WRITERS IN TRANSLATION (3 credits, Staff.) Readings in 20th century women writers from France and French-speaking areas, placed in socio-historical and cultural contexts. No knowledge of French required. Meets the CORE Literature and Diversity requirements.

FREN 478C - I AND THEY (3 credits, MacBain.) Selected masterworks of French literature dealing with the conflict of the individual and society, and the tensions arising out of the conflict. Works by men and women writers will be studied from several historical periods. All work in English. Meets the CORE/USP Advanced Studies Requirement.

FREN 499C - LITERATURE OF COLONIZATION AND DECOLONIZATION: FROM ONE SHORE TO ANOTHER (3 credits, Maryse Conde'.) The relationship of France to the French-speaking Caribbean as reflected through the literature of Surrealism, political commitment, the "New Novel," and feminism. All works in English.

ITAL 121/121H - ACCELERATED ITALIAN I (3 credits, Amodeo.) An intensive course in Italian grammar for highly motivated students. With ITAL 122/122H completes the Arts and Humanities language requirement.

ITAL 122 - Accelerated Italian II (3 credits, Amodeo.)

FOLA (CRITICAL LANGUAGES)—DIRECTED STUDY OF A FOREIGN LANGUAGE

FOLA 138V - ARMENIAN. New language offered in Self-Instructional format. The FOLA program enables qualified students to acquire *speaking* knowledge of certain languages not currently offered in regular course format. Other languages offered under FOLA include: HUNGARIAN, DUTCH, POLISH, PERSIAN, HINDI, NORWEGIAN, TURKISH, EGYPTIAN ARABIC, URDU, TAGALOG, AND MODERN GREEK (Level IV).

DEPARTMENT OF GERMANIC AND SLAVIC LANGUAGES AND LITERATURES

GERM 148D - ELEMENTARY DANISH I; GERM 148Y - ELEMENTARY YIDDISH I.

GERM 248S - INTERMEDIATE SWEDISH I; GERM 248Y - INTERMEDIATE YIDDISH I.

GERM 281 - WOMEN IN GERMAN LITERATURE AND SOCIETY (Frederiksen). This course explores differences in women's culture in specific moments in history (e.g., Jewish women's *Salon* culture around 1800 in Berlin; women in Nazi Germany; Turkish women in Germany today.) Literature (including letters and autobiographical texts) and art are discussed within their specific context. No prerequisites; (English) USP Area A/CORE Literature. Fulfills CORE Diversity requirement.

GERM 282 - GERMANIC MYTHOLOGY (Fleck). An introduction to the world of gods, giants, dwarfs, trolls, gragons, and heroes believed by the Germanic tribes before their conversion to Christianity. Source readings from the *Eddas*, skaldio poetry, and the sagas. Comparison with the related mythologies of Greece and Rome, the Celts, Iran, and India. No prerequisites; (English) USP Area A/CORE Literature.

GERM 349A - THE HOLOCAUST IN LITERATURE AND FILM (Bilik). The study of the Holocaust narratives from survivor accounts to "fictional," "poetic," and "documentary" forms. The diaries, memoirs, fiction, poems, and films are among the most compelling of modern written and cinematic experiences.

GERM 368 - SCANDINAVIAN CIVILIZATION (Oster). This course will examine the history, society, and culture of Denmark, Finland, Norway, and Sweden and examine similarities as well as divergence between them as they face the 21st century. The course will be team taught by two faculty members from History and Germanic and Slavic and will include guest lectures by embassy representatives, UMCP faculty, as well as visiting scholars.

GERM 381 - GERMAN CIVILIZATION I (Walker). A survey of the literary, educational, and artistic traditions, great men and women, customs and general culture of the German-speaking world from the beginnings to the middle of the 18th century. (English) USP Area A/CORE Development of Knowledge.

GERM 384 - THE AGE OF CHIVALRY (Fleck). The courtly literature of the German language area is contrasted with its Celtic and Romance models and with the bawdy counter-culture of the popular and folk narratives. As a project each student handcrafts a medieval artifact or learns a period skill (12-13th c.) No prerequisites; (English) USP Area A.

GERM 389C - THE ANCIENT CELT (Fleck). An introduction to the ancient Celts through their literature: the Irish heroic Ulster and Fionn cycles, medieval Irish poetry, the Welsh poems of Taliesinand Anelrin and the pre-arthurian Mabinogion. Lectures on Celtic history, languages, religion, archeological finds and reconstructed everyday life-style. As a project each student handicrafts a period artifact or learns a period skill. No prerequisites; (English) USP Area A.

GERM 411 - GERMAN FOR BUSINESS & ECONOMICS I. Prerequisite: GERM 302 or equivalent. Especially designed for double Business/German majors.

GERM 461 - READING SWEDISH, DANISH, AND NORWEGIAN (Oster). This course develops reading facility in Danish, Norwegian, and Swedish. Contrastive features of Scandinavian grammar will be presented at the beginning; reading will proceed from simple everyday texts to current newsstories and literary texts, both contemporary and classic, dependent on student interests. This course is open to graduate students who want to satisfy PhD. reading requirements as well as to undergraduates. No foreign language prerequisites.

DEPARTMENT OF GEOGRAPHY

GEOG 321 - MARYLAND AND ADJACENT AREAS. This course provides a visually oriented look at the physical and human geography of Maryland, and answers why such a small area has been so important for so long.

GEOG 433 - TRANSPORTATION NETWORKS. In 1990, a nationwide personal transportation survey was conducted by the U.S. Department of Transportation. This course will examine geographical variations in personal travel using statistical methods and computer techniques. For background, the literature on personal transportation and road accident analysis will be discussed.

GEOG 484 - BIOGEOGRAPHY. The patterns, processes and possible future of the distributions of living organisms. Application of physical geography, evolutionary biology, and ecology. Evidence from the recent and distant past and what global change may mean for the earth's biota.

GEOG 618C - SEMINAR IN GEOMORPHOLOGY: COASTAL PROCESSES. This course examines the impact of sea-level rise on coastal systems of the middle Atlantic Coast, including marshes, land loss, and barrier islands. Among the specific topics are: marsh vertical rates vs. coastal submergence; evidence for historical sea-level changes and land loss; lagoon evolution, barrier migration, and basin hypsometry changes with rising sea level. Modeling future changes in these systems is also discussed.

DEPARTMENT OF GOVERNMENT AND POLITICS

GVPT 288A - INTRODUCTION TO INTERNATIONAL NEGOTIATION. This course is an interdisciplinary introduction to the complexities of international negotiation and cross-cultural communication. The course introduces the theories underlying international negotiation and issues of global importance that are currently on the agenda for international discussion such as: the global environment, international trade and debt, democratization and the transition to a free market economy. Students will then apply this knowledge using computer technology in an interactive simulation involving actual negotiations with students here at College Park, and at universities in Eastern and Western Europe. Upon completion of this course, the student will have a better understanding of : negotiation as an instrument of foreign policy; the interrelationship of various global issues; and the ways in which different disciplines intersect in the handling of the negotiations and cross-cultural problems. *Pending final approval, this course is designed to meet BSOS CORE requirements.*

LIBRARY AND INFORMATION SERVICES

LBSC 208A - INFORMATION SKILLS AND STRATEGIES. Do you need articles for a research paper, data for a science report, information about purchasing a computer on campus? Want to findout what is going on in the university and in the town? Need any other information? Learn to locate, interpret, and use electronic and print information to streamline and enrich your research and daily activities. This class incorporates laboratory work using computer networks (E-mail, the Internet), computer databases, including the university library's Victor system, and printed library tools. It will teach you how to develop strategies for finding information in all these sources. You will build confidence in your ability to identify and evaluate information using the tools of the electronic age. [Prerequisites: 12 hours credit and familiarity with a word processor]

DEPARTMENT OF MUSIC

MUSC 448M/MUSC 699M - BENJAMIN BRITTEN: LITERATURE AND MUSIC. This special offering will correlate with the 1993 BRITTEN BIRTHDAY FESTIVAL, to be offered by the Music Department from November 19-22, 1993. Britten's musical output will be examined, with emphases on the Festival offerings and on the wide range of poets and writers whose works Britten used as the basis for his compositions. Open to Majors and Non-majors. Prereq: Premission of the Department. 3 credits.

UNDERGRADUATE RESEARCH ASSISTANT PROGRAM (URAP)

This program has been established to encourage students to volunteer to work with College Park faculty on the faculty member's own research. Students accepted by a faculty member as Undergraduate Research Assistants will normally agree to work between 4-6 hours a week for at least a semester.

DEPARTMENT OF URBAN STUDIES AND PLANNING

URSP 320 - PLANNING AND THE CONTEMPORARY CITY (Tuesday and Thursday 11-12:15.) This course is a survey of major social, economic, political, and environmental factors influencing the current state of the U.S. city. Students in the course examine issues associated with finances and budgeting, demographic and socioeconomic trends, economic development options and natural resource demands of U.S. cities, and explore alternative strategies for addressing particular economic and environmental problems.

URSP 410 - DEVELOPMENT OF AMERICAN CITIES (Tuesday and Thursday 12:30-1:45.) This is a class on U.S. urban history in historic context. We trace the European influences on city development and assess economic, technological, and competitive factors in urban development. The class includes a critique on present trends and indicates probable directions in urban development.

URSP 425 - PLANNING HOUSING ENVIRONMENTS FOR AN AGING SOCIETY (CORE Advanced Studies Social and Ethical Problems approval pending; Tuesday and Thursday 2-3:15.) This course addresses the problem of how older individuals choose the housing environment which best meets their social as well as physical needs. The course will discuss how the nature and quality of social support affects the decisions regarding their choice. The course will compare and contrast the values and concerns of the older individual, the family and friends regarding housing choice. In addition, the course will address how the physical environment can be designed to provide additional support for the individual.

URSP 475 - DECISION MAKING (CORE Advanced Studies Development of Knowledge approval pending; Thursday 4-6:30.) This course has two primary goals. The first is to help students to become better decision makers, and the second is to enhance students' understanding of how, by engaging in quality decision making, they develop their (and others') knowledge. Decision making is viewed as a process involving sequential steps such as problem/opportunity diagnosis and the assessment of possible courses of action as well as pervasive elements such as information acquisition and interpersonal/crosscultural communication.

URSP 604 - THE PLANNING PROCESS (Monday 7-9:30.) This course teaches students to plan and solve problems. Students will learn methods for analyzing social, physical, and economic problems and for identifying solutions to these problems. Students will learn to work in groups, exercising leadership, making group decisions, and resolving conflicts. The class includes case materials, role plays, and real-world.

URSP 620 - INTRODUCTION TO HOUSING, PLANNING, AND POLICY (Requirement: graduate standing; Thursday 4-6:30.) This course provides a historical context for the examination of U.S. housing policy. Through lectures and discussion there will be a detailed review of federal and state efforts to meet America's housing needs. The analysis will assess past and current efforts within the context of the economics of the housing market and the effectiveness with which the needs of special population groups, including minorities, the homeless and the poor are met. This course provides a social, economic and political framework for the analysis and planning of housing. It provides an introduction for students interested in pursuing graduate studies in the field of housing.

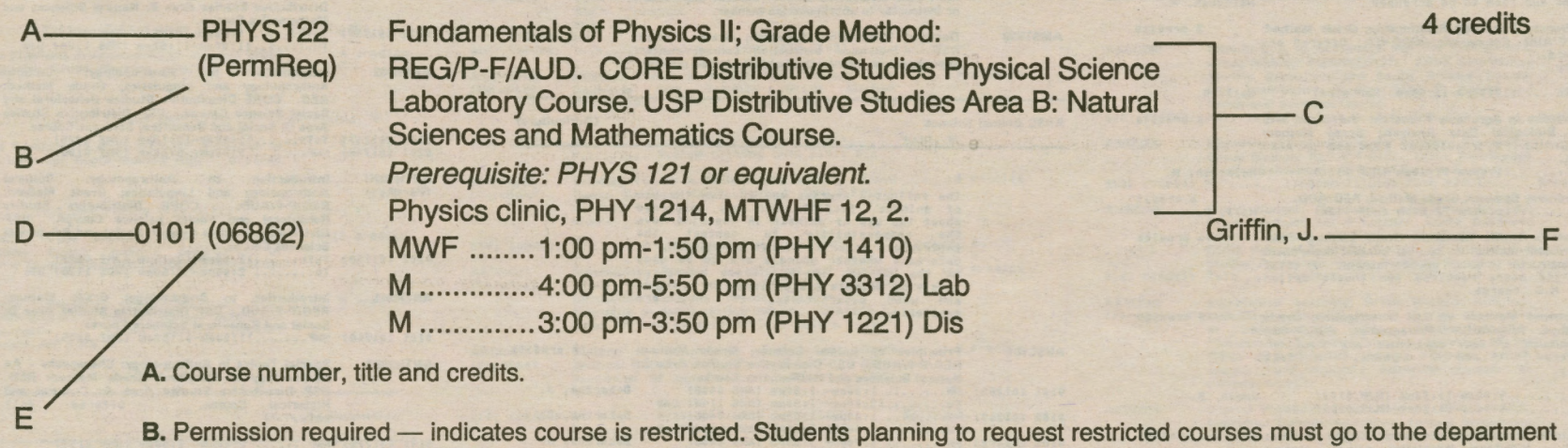
URSP 673 - SOCIAL PLANNING (Wednesday 4-6:30.) This course identifies what works in social services. Case studies and site visits focus on programs planned by communities to serve communities. Students will learn social planning approaches that can make services more effective, help organize communities, and improve city governance. The course is recommended for students in planning, policy analysis, public administration, and others with interests in social services, communities, and planning.

URSP 688B - PLANNING HISTORY AND THEORY (Tuesday 7-9:30.) This course is a survey of selected major themes in U.S. planning history and theory. The intent of this class is to provide students with a working knowledge of pivotal events in the nation's urban development and public health planning; an understanding of dominant issues in planning practice since the colonial era; and a background of formative events in history of the U.S. planning profession. Students are introduced to normative and descriptive planning theories and explore how these theories are embodied in past and current planning practice.

DEPARTMENT OF ZOOLOGY

ZOOL 328R - NEUROPHARMACOLOGY OF PSYCHOACTIVE DRUGS. This course will explore regulating the synapse and how psychoactive drugs affect the synapse of its regulation. Prerequisite: ZOOL 211. Approved for upper level credit in Biological Sciences majors Physiology/Neurobiology and Zoology.

HOW TO READ COURSE LISTINGS



A. Course number, title and credits.

B. Permission required — indicates course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization. Students should be sure they have a department authorization on their Schedule Request Form, or entered into the computer system prior to their registration.

C. Course information — outlines information such as grading methods, prerequisites, if course meets CORE/USP requirement, special requirements, and notes.

D. Section number — The first line of information next to the section number usually refers to the meeting time and room location (room location is indicated in parentheses) for the lecture segment of the course. Laboratory (LAB) and discussion (DIS) meeting times and locations are shown on the second and third lines when applicable.

E. Index Number — Number used to identify courses when registering with MARS.

F. Instructor

AASP Afro-American Studies (Behavioral and Social Sciences)

AASP100 Introduction to Afro-American Studies; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits

0101 (00001) MW.....12:00pm-12:50pm (LEF 2205) Williams, R.
F.....10:00am-10:50am (DNC 1147A) Dis
0102 (00002) MW.....12:00pm-12:50pm (LEF 2205) Williams, R.
F.....11:00am-11:50am (DNC 1147A) Dis
0103 (00003) MW.....12:00pm-12:50pm (LEF 2205) Williams, R.
F.....12:00pm-12:50pm (DNC 1139B) Dis
0104 (00004) MW.....12:00pm-12:50pm (LEF 2205) Williams, R.
F..... 9:00am- 9:50am (DNC 1147A) Dis
0105 (00005) MW.....12:00pm-12:50pm (LEF 2205) Williams, R.
F.....10:00am-10:50am (ARC 1103) Dis
0106 (00006) MW.....12:00pm-12:50pm (LEF 2205) Williams, R.
F.....11:00am-11:50am (LEF 1222) Dis

AASP101 Public Policy and the Black Community; Grade Method: REG/P-F. CORE Distributive Studies Behavioral and Social Science Course. *Formerly AASP 300.* — 3 credits

0101 (00016) TuTh.....12:30pm- 1:45pm (TYD 2106) Lashley, M.

AASP202 Black Culture in the United States; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits

0101 (00036) MW.....10:00am-10:50am (SHM 2101) Harley, S.
F.....10:00am-10:50am (WDS 1114) Dis
0102 (00037) MW.....10:00am-10:50am (SHM 2101) Harley, S.
F.....10:00am-10:50am (EGR 2112) Dis
0103 (00038) MW.....10:00am-10:50am (SHM 2101) Harley, S.
F.....11:00am-11:50am (CHE 2145) Dis
0104 (00039) MW.....10:00am-10:50am (SHM 2101) Harley, S.
F.....11:00am-11:50am (WDS 1130) Dis
0105 (00040) MW.....10:00am-10:50am (SHM 2101) Harley, S.
F.....12:00pm-12:50pm (EGR 0104) Dis
0106 (00041) MW.....10:00am-10:50am (SHM 2101) Harley, S.
F..... 9:00am- 9:50am (ARC 1123) Dis

AASP288C Special Topics in Afro-American Studies: Pre-Colonial African Civilization; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits

0101 (00051) MW..... 9:00am- 9:50am (KEY 0102) Brayman, W.
Time and room to be arranged Dis

AASP288V Special Topics in Afro-American Studies: The Blues as a Cultural Art Form; Grade Method: REG/P-F/AUD. — 3 credits

0101 (00061) W..... 1:00pm- 3:30pm (SDH 3123) Williams, J.

AASP301 Applied Policy Analysis and the Black Community; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. *Prerequisite: AASP 101. Recommended: one semester of statistics.* — 3 credits

0101 (00071) TuTh..... 2:00pm- 3:15pm (LEF 1201) Lashley, M.

AASP310 African Slave Trade; Grade Method: REG/P-F/AUD. *Formerly AASP 311.* — 3 credits

0101 (00081) TuTh.....11:00am-12:15pm (JRN 1105) Wilson, F.

AASP388 (PermReq) Experiential Learning; Grade Method: REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

0101 (00091) Tu..... 2:00pm- 4:30pm (LEF 2169) Pharr, N.

AASP397 (PermReq) Senior Thesis; Grade Method: REG/P-F/AUD. *Prerequisites: AASP 305; and permission of department.* — 3 credits

0101 (00101) Time and room to be arranged STAFF

AASP411 Black Resistance Movements; Grade Method: REG/P-F/AUD. — 3 credits

0101 (00111) TuTh..... 2:00pm- 3:15pm (LEF 1221) STAFF

AASP478F Humanities Topics in Afro-American Studies: African-American Folklore and Culture; Grade Method: REG/P-F/AUD. — 3 credits

0101 (00121) TuTh..... 2:00pm- 3:15pm (SCP 1107) Fry, G.

AASP478M Humanities Topics in Afro-American Studies: African American Women Filmmakers; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. — 3 credits

0101 (00131) TuTh..... 2:00pm- 4:00pm (TWS 2154) Coustaut, C.

AASP488D Special Topics in Black Culture: African-American Literature: The Beginning to 1910; Grade Method: REG/P-F/AUD. — 3 credits

0101 (00141) TuTh.....11:00am-12:15pm (SCP 1105) Peterson, C.

AASP488W Special Topics in Black Culture: Black Women in the United States; Grade Method: REG/P-F/AUD. Prerequisite: AASP 100 or AASP 202. — 3 credits

0101 (00151) Tu..... 2:00pm- 4:30pm (TYD 1136) STAFF

AGRI Agriculture (Agriculture)

AGRI323 Developing Youth Programs; Grade Method: REG. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. *Formerly AEED 323.* — 3 credits

0101 (00460) TuTh..... 9:00am-10:30am (SYM 0200) Rivera, W.
Tu..... 2:00pm- 4:00pm (SYM 0115) Dis
0102 (00461) TuTh..... 9:00am-10:30am (SYM 0200) Rivera, W.
W..... 2:00pm- 4:00pm (SYM 0115) Dis
0103 (00462) TuTh..... 9:00am-10:30am (SYM 0200) Rivera, W.
Th..... 2:00pm- 4:00pm (SYM 0115) Dis
0106 (00463) TuTh..... 9:00am-10:30am (SYM 0200) Rivera, W.
F.....12:00pm- 2:00pm (SYM 0115) Dis

AGRI400 International Agricultural Extension and Development; Grade Method: REG. CORE Advanced Studies Social and Ethical Problems Course. *Formerly AEED 400.* — 3 credits

0101 (00473) MW..... 9:30am-10:45am (SYM 0115) Rivera, W.

AGRI450 Human Resources Development in Agriculture; Grade Method: REG. *Junior standing.* — 3 credits

0101 (00483) MWF..... 9:30am-10:45am (EGR 1102) Rivera, W.

AGRI626 Program Development in Adult and Continuing Education; Grade Method: REG. *Formerly AEED 626.* — 3 credits

0101 (00493) M..... 7:00pm- 9:40pm (SYM 0115) Rivera, W.

AGRI691 Research Methods in Adult and Continuing Education; Grade Method: REG/AUD. *Formerly AEED 691.* — 3 credits

0101 (00503) Tu..... 5:00pm- 7:40pm (SYM 0115) Rivera, W.

AGRI699 (PermReq) Special Problems; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. — 1-3 credits

AGRI799 Master's Thesis Research; Grade Method: REG/S-F. Individual instruction course: contact department or instructor to obtain section number. — 1-6 credits

AGRI899 Doctoral Dissertation Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. — 1-8 credits

AGRO Agronomy (Agriculture)

AGRO101 Introductory Crop Science; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Credit will be granted for only one of the following: AGRO 101 or AGRO 100 and AGRO 102.* Offered fall only. — 4 credits

0101 (00619) MW.....10:00am-10:50am (HJP 2242) Slaughter, L.
MW.....12:00pm- 2:00pm (HJP 0210) Lab
0102 (00620) MW.....10:00am-10:50am (HJP 2242) Slaughter, L.
MW..... 2:00pm- 4:00pm (HJP 0210) Lab

AGRO105 Soil and Environmental Quality; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. Offered fall only. — 3 credits

0101 (00630) TuTh..... 2:00pm- 3:15pm (HJP 2242) Weil, R.

AGRO305 Introduction to Turf Management; Grade Method: REG/P-F/AUD. *Formerly AGRO 405.* Offered fall only. — 3 credits

0101 (00640) Tu..... 7:00pm- 9:00pm (HJP 1104) Carroll, M.
Th..... 7:00pm- 9:40pm (HJP 1104) Lab

AGRO308 (PermReq) Field Soil Morphology; Grade Method: REG/P-F/AUD. — 1 credit

0101 (00650) Time and room to be arranged Rabenhorst, M.

AGRO388 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

AGRO398 Senior Seminar; Grade Method: REG/P-F/AUD. — 1 credit

0101 (00685) M..... 4:00pm- 4:50pm (HJP 1104) Slaughter, L.

AGRO410 Commercial Turf Maintenance and Production; Grade Method: REG/P-F/AUD. *Prerequisite: AGRO 305 and AGRO 401.* — 3 credits

0101 (00693) TuTh..... 2:00pm- 2:50pm (HJP 1104) Carroll, M.
Th..... 3:00pm- 5:00pm (HJP 1104) Lab

AGRO414 Soil Morphology, Genesis and Classification; Grade Method: REG/P-F/AUD. *Prerequisite: AGRO 302.* Offered fall only. — 4 credits

0101 (00703) MWF..... 8:00am- 8:50am (HJP 1104) Fanning, D.
W..... 2:00pm- 5:00pm (HJP 0103) Lab

AGRO415 Soil Survey and Land Use; Grade Method: REG. *Prerequisite: AGRO 302.* Offered fall only. — 3 credits

0101 (00713) TuTh..... 1:00pm- 1:50pm (HJP 1104) Rabenhorst, M.
Th..... 2:00pm- 5:00pm (HJP 0210) Lab

AGRO417 Soil Physics; Grade Method: REG/P-F/AUD. *Prerequisites: AGRO 302 and a course in physics; or permission of department.* Offered odd years, fall only. — 3 credits

0101 (00723) MW.....10:00am-10:50am (HJP 1104) Hill, R.
Tu..... 2:00pm- 4:50pm (HJP 0210) Lab

AGRO423 Soil-Water Pollution; Grade Method: REG/P-F/AUD. *Prerequisites: AGRO 302 and CHEM 104 or permission of department.* Offered fall only. — 3 credits

0101 (00733) MWF..... 9:00am- 9:50am (HJP 1104) Weismiller, R.

AGRO453 Weed Science; Grade Method: REG/P-F/AUD. Offered fall only. — 3 credits

0101 (00743) MF..... 2:00pm- 2:50pm (HJP 1104) Glenn, D.
W..... 2:00pm- 4:50pm (HJP 1104) Lab

AGRO489 (PermReq) Special Problems in Agronomy; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AGRO601 Advanced Crop Breeding I; Grade Method: REG. *Prerequisite: AGRO 403 or equivalent.* 2 credits
0101 (00776) TuTh.....11:00am-12:15pm (HJP 1104) McIntosh, M.

AGRO608 (PermReq) Research Methods; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

AGRO608T (PermReq) Research Methods: Teaching Methods in Agronomy; Grade Method: REG/AUD. 1-3 credits
0101 (00808) Time and room to be arranged McIntosh, M.

AGRO711 Advanced Plant-Soil Relationship; Grade Method: REG/AUD. *Prerequisite: AGRO 411.* Offered odd years, fall only. 2 credits

0101 (00818) TuTh.....12:00pm-12:50pm (HJP 0103) Weil, R.

AGRO789A Advances in Agronomy Research: Advanced SAS for Biological Data Analysis; Grade Method: REG/AUD. Prerequisite: BIOM 602 or AGRO 804. 2 credits
1101 (00826) MW.....11:00am-11:50am (HJP 1104) McIntosh, M.

AGRO798 Agronomy Seminar; Grade Method: REG/AUD. 1 credit
0101 (00838) M.....12:00pm-12:50pm (HJP 1104) Hill, R.

AGRO799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. A total of six hours required for thesis option for M.S. degree. 1-6 credits

AGRO821 (PermReq) Advanced Methods of Soil Investigation; Grade Method: REG/AUD. *Prerequisites: AGRO 302, permission of both department and instructor.* Offered odd years, fall only. 3 credits

0101 (00871) Th..... 9:00am-11:30am (HJP 0103) James, B.
Tu..... 9:00am-11:30am (HJP 0103) Lab

AGRO899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. A total of twelve hours required for Ph.D. degree. 1-8 credits

AMST American Studies (Arts and Humanities)

AMST201 Introduction to American Studies; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A: Cultural and Historical Course. 3 credits
0101 (00953) MWF.....10:00am-10:50am (SCP 1117) STAFF
0201 (00954) MWF.....11:00am-11:50am (SCP 1123) STAFF
0301 (00955) MWF.....12:00pm-12:50pm (SCP 1123) STAFF
0401 (00956) MWF..... 1:00pm- 1:50pm (SCP 1123) STAFF
0501 (00957) TuTh..... 9:30am-10:45am (SCP 2119) STAFF
0601 (00958) TuTh.....11:00am-12:15pm (SCP 1111) STAFF
0701 (00959) TuTh.....12:30pm- 1:45pm (SCP 1111) STAFF

AMST203 Popular Culture in America; Grade Method: REG. CORE Distributive Studies Humanities Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits
0101 (00969) MWF.....10:00am-10:50am (SCP 1121) Mintz, L.

AMST205 Material Aspects of American Life; Grade Method: REG. CORE Distributive Studies Arts Course. USP Distributive Studies Area A: Cultural and Historical Course. 3 credits
0101 (00979) TuTh..... 9:30am-10:45am (MMH 1304) Paoletti, J.

AMST212 Diversity in American Culture; Grade Method: REG/P-F/AUD. 3 credits

0101 (00999) TuTh.....12:30pm- 1:45pm (TWS 0147) Paoletti, J.

AMST330 Critics of American Culture; Grade Method: REG. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: prior course in AMST, HIST, or SOCY.* Junior standing. 3 credits
0101 (01009) MWF.....12:00pm-12:50pm (SCP 1117) Mintz, L.

AMST386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3-6 credits

AMST398 (PermReq) Independent Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AMST418J Cultural Themes in America: Women and Family in American Culture; Grade Method: REG/AUD. CORE Cultural Diversity Course. This course is taught in the fall semester only. 3 credits
0101 (01033) TuTh..... 9:30am-10:45am (SCP 1117) Diner, H.

AMST428B American Cultural Eras: American Film Culture in the 1960's; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: a course in one of the following -- AMST, film, twentieth-century American history, ARTH, or SOCY.* This course is taught in the fall semester only. 3 credits
0101 (01043) MW..... 1:00pm- 3:00pm (SCP 1117) Lounsbury, M.

AMST429D (PermReq) Perspectives on Popular Culture: Television and Children; Grade Method: REG/P-F/AUD. 3 credits
0101 (01053) MWF..... 2:00pm- 2:50pm (TWS 0147) Parks, S.

AMST429F (PermReq) Perspectives on Popular Culture: Gender Roles and Media; Grade Method: REG/P-F/AUD. 3 credits
0101 (01063) MWF.....12:00pm-12:50pm (TWS 0147) Parks, S.

AMST450 (PermReq) Seminar in American Studies; Grade Method: REG. *Prerequisite: nine hours prior coursework in American Studies, including AMST 201. Senior standing. For AMST majors only* 3 credits
0101 (01073) TuTh.....11:00am-12:15pm (SCP 1121) Caughey, J.

AMST801 Introductory Seminar in American Studies; Grade Method: REG/AUD. 3 credits
0101 (01083) M..... 4:00pm- 6:40pm (SCP 1105) Kelly, R.

AMST826E (PermReq) Seminar in American Studies: Women and Family in American Culture; Grade Method: REG/AUD. 3 credits
0101 (01093) W..... 3:00pm- 5:30pm (SCP 1121) Diner, H.

AMST826M (PermReq) Seminar in American Studies: Culture and Communication; Grade Method: REG/AUD. 3 credits
0101 (01103) M..... 6:30pm- 9:00pm (SCP 1117) Lounsbury, M.

AMST826Q (PermReq) Seminar in American Studies: Material Culture Studies Theory; Grade Method: REG/AUD. 3 credits
0101 (01113) Tu..... 4:00pm- 6:40pm (SCP 1123) Sies, M.

AMST826S (PermReq) Seminar in American Studies: Childhood and American Culture; Grade Method: REG/AUD. 3 credits
0101 (01123) M..... 7:00pm- 9:40pm (SCP 1121) Paoletti, J.

AMST829A (PermReq) Seminar in American Studies: Ethnography and American Culture Studies; Grade Method: REG/AUD. 3 credits
0101 (01133) Th..... 4:00pm- 6:30pm (SCP 1117) Caughey, J.

AMST829G (PermReq) Seminar in American Studies: The Photograph in American Culture; Grade Method: REG/AUD. 3 credits
0101 (01143) M..... 4:00pm- 6:40pm (SCP 1117) Mintz, L.

AMST838 Orientation Seminar: Material Aspects of American Civilization; Grade Method: REG/AUD. Class meets at Smithsonian. Call AMST office at 405-1354 for location. Check consortium office for start date. 3 credits
0101 (01153) Time and room to be arranged Washburn, W.

AMST839A (PermReq) Reading Course in Selected Aspects of American Civilization: Decorative Arts in America; Grade Method: REG/AUD. Class meets at Smithsonian. Call American Studies Office (405-1354) for information. 3 credits
0101 (01163) Time and room to be arranged Carson, B.

AMST898 (PermReq) Directed Readings in American Studies; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

AMST799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

AMST899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

ANSC Animal Science (Agriculture)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

ANSC101 Principles of Animal Science; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. 3 credits
0101 (01268) MW..... 1:00pm- 1:50pm (ANS 0408) Debarthe, J.
Tu.....12:00pm- 1:50pm (ANS 1144) Lab
0102 (01269) MW..... 1:00pm- 1:50pm (ANS 0408) Debarthe, J.
Tu..... 2:00pm- 3:50pm (ANS 1144) Lab
0103 (01270) MW..... 1:00pm- 1:50pm (ANS 0408) Debarthe, J.
W.....10:00am-11:50am (ANS 1144) Lab
0104 (01271) MW..... 1:00pm- 1:50pm (ANS 0408) Debarthe, J.
Th.....12:00pm- 1:50pm (ANS 1144) Lab
0105 (01272) MW..... 1:00pm- 1:50pm (ANS 0408) Debarthe, J.
F.....12:00pm- 1:50pm (ANS 1144) Lab

ANSC211 Anatomy of Domestic Animals; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. *Prerequisite: BIOL 105.* 4 credits
0101 (01282) MWF..... 2:00pm- 2:50pm (ANS 0408) Hohenhaus, G.
M..... 3:00pm- 4:50pm (EPL 0101) Lab
0102 (01283) MWF..... 2:00pm- 2:50pm (ANS 0408) Hohenhaus, G.
W..... 3:00pm- 4:50pm (EPL 0101) Lab
0103 (01284) MWF..... 2:00pm- 2:50pm (ANS 0408) Hohenhaus, G.
F.....11:00am-12:50pm (EPL 0101) Lab

ANSC215 Comparative Animal Nutrition; Grade Method: REG/P-F/AUD. *Prerequisites: ANSC 101 and (CHEM 104 or CHEM 233). Formerly ANSC 402.* 3 credits
0101 (01294) MWF.....11:00am-11:50am (ANS 0408) Soares, J.

ANSC220 Livestock Management; Grade Method: REG/P-F/AUD. *Prerequisite: ANSC 101. Formerly ANSC 221.* 4 credits
0101 (01304) TuTh..... 9:30am-11:30am (ANS 0412) Young, E.

ANSC252 Introduction to the Diseases of Wildlife; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Course. *Prerequisite: BIOL 105.* 2 credits
0101 (01314) M..... 4:00pm- 5:50pm (CHM 0122) Hohenhaus, G.

ANSC305 Companion Animal Care; Grade Method: REG/P-F/AUD. *Prerequisite. BIOL 105.* 3 credits
0101 (01324) MWF.....10:00am-10:50am (ANS 0408) Hohenhaus, G.

ANSC370 Animal Agriculture: Scientific and Cultural Perspectives; Grade Method: REG/P-F/AUD. 3 credits

Prerequisite: BIOL 105.
0101 (01334) TuTh.....12:30pm- 1:45pm (ANS 0412) Young, E.

ANSC386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3-6 credits

ANSC398 (PermReq) Special Problems in Animal Science; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ANSC401 Fundamentals of Nutrition; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 104 and ANSC 212. Recommended: BCHM 261. Also offered as NUSC 402.* 3 credits
0101 (01426) MWF..... 9:00am- 9:50am (ANS 0408) Thomas, O.

ANSC413 Laboratory Animal Management; Grade Method: REG/P-F/AUD. 3 credits
0101 (01436) WF..... 1:00pm- 1:50pm (ANS 0412) Nepote, K.
F..... 2:00pm- 4:50pm (ANS 1144) Lab

ANSC420 Animal Production Systems; Grade Method: REG/P-F/AUD. *Prerequisites: ANSC 101, ANSC 220, and (ANSC 240 or ANSC 262). Formerly ANSC 423.* 4 credits
0101 (01446) MW..... 2:00pm- 2:50pm (ANS 0412) Erdman, R.
MW..... 3:00pm- 4:50pm (ANS 0412) Lab

ANSC446 Physiology of Mammalian Reproduction; Grade Method: REG/P-F/AUD. *Prerequisite: ZOOL 422 or ANSC 212.* 3 credits
0101 (01456) MWF.....12:00pm-12:50pm (ANS 0408) Varner, M.

ANSC447 Physiology of Mammalian Reproduction Laboratory; Grade Method: REG/P-F/AUD. *Pre- or corequisite: ANSC 446.* 1 credit
0101 (01466) W..... 3:00pm- 5:50pm (ANS 1150) Varner, M.

ANSC455 Applied Animal Behavior; Grade Method: REG/P-F/AUD. *Prerequisites: (ANSC 101 or BIOL 106) and BIOL 222.* 3 credits
0101 (01476) MF.....10:00am-10:50am (ANS 0412) Stricklin, W.
W.....10:00am-11:50am (ANS 0412) Lab

ANSC489 Current Topics in Animal Science; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ANSC860 Poultry Literature; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

ANSC863 Advanced Nutrition Laboratory; Grade Method: REG/AUD. *Prerequisite: ANSC/NUSC 401; and either BCHM 462 or NUSC 670. Also offered as NUSC 663.* 3 credits
0101 (01532) Time and room to be arranged Doerr, J.

ANSC867 Veterinary Virology; Grade Method: REG/AUD. *Prerequisite: MICB 460.* 3 credits
0101 (01542) MF..... 3:00pm- 4:15pm (ANS 0402) Dutta, S.

ANSC898A Seminar: Recent Advances in Animal Science; Grade Method: REG/AUD. 1 credit
0101 (01552) W..... 4:00pm- 4:50pm (ANS 0408) Dougless, L.

ANSC898C Seminar: Recent Advances in Poultry; Grade Method: REG/AUD. 1 credit
0101 (01562) M..... 4:00pm- 4:50pm (ANS 0408) Doerr, J.

ANSC899 (PermReq) Special Problems in Animal Science; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ANSC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

ANTH Anthropology (Behavioral and Social Sciences)

ANTH101 Introduction to Anthropology: Archaeology and Physical Anthropology; Grade Method: REG/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. 3 credits
0101 (01726) TuTh..... 9:30am-10:45am (SHM 2102) Jackson, F.
0201 (01727) MWF.....10:00am-10:50am (JMZ 0105) Seidel, J.

ANTH101H Introduction to Anthropology: Archaeology and Physical Anthropology; Grade Method: REG. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. 3 credits
0101 (01737) TuTh..... 9:30am-10:45am (SHM 2102) Jackson, F.
Tu.....11:00am-11:50am (WDS 1128) Dis

ANTH102 Introduction to Anthropology: Cultural Anthropology and Linguistics; Grade Method: REG. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits
0101 (01747) TuTh.....11:00am-12:15pm (JMZ 0220) Weil, A.
0201 (01748) MWF..... 9:00am- 9:50am (JMZ 0105) Williams, A.

ANTH102H (PermReq) Introduction to Anthropology: Cultural Anthropology and Linguistics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits
0101 (01758) TuTh.....11:00am-12:15pm (JMZ 0220) Weil, A.
Tu..... 2:00pm- 2:50pm (WDS 1128) Dis

ANTH241 Introduction to Archaeology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits
0101 (01768) MWF.....11:00am-11:50am (JMZ 0105) Leone, M.

ANTH298A Special Topics in Anthropology: Chesapeake - An Archaeology of Maryland; Grade Method: REG. USP Distributive Studies Area A: Cultural and Historical Course. Offered fall only. 3 credits

0101 (01778) MWF..... 2:00pm- 2:50pm (SHM 2102) Seidel, J.

ANTH389A (PermReq) Research Problems; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH389C Research Problems: Culture and Personality; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Offered fall only. 3 credits

0101 (01807) MWF.....12:00pm-12:50pm (KEY 0102) Williams, A.

ANTH389D Research Problems: Culture and Discourse; Grade Method: REG/P-F/AUD. Offered fall only. 3 credits

0101 (01817) TuTh..... 9:30am-10:45am (TYD 1140) STAFF

ANTH389H (PermReq) Research Problems: Readings in Classical Anthropology; Grade Method: REG/P-F/AUD. 1 credit
0101 (01827) Time and room to be arranged Stuart, M.

ANTH389J Research Problems: Issues in Grassroots Development; Grade Method: REG. Offered fall only. 3 credits

0101 (01837) TuTh.....12:30pm- 1:45pm (WDS 1130) Weil, A.

ANTH389M (PermReq) Research Problems: Quantitative Methods for Anthropology; Grade Method: REG/P-F/AUD. Offered fall only. 3 credits

0101 (01858) Tu..... 6:00pm- 8:40pm (WDS 1127) Nagle, C.

ANTH389P (PermReq) Research Problems: Cults, Charisma, Commitment, and Conversion; Grade Method: REG/P-F/AUD. Offered fall only. 3 credits

0101 (01868) TuTh..... 2:00pm- 3:15pm (WDS 1114) Stuart, M.

ANTH389T (PermReq) Research Problems: Applied Urban Ethnography; Grade Method: REG. Prerequisite: ANTH 102 and permission of department. Offered fall only. 4 credits
0101 (01878) Tu..... 4:00pm- 6:30pm (WDS 1130) Whitehead, T.

ANTH389U (PermReq) Research Problems: Research Problems: Internship; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH389V (PermReq) Research Problems: Evolution of Human Variation; Grade Method: REG. Offered fall only. 3 credits

0101 (01907) TuTh.....12:30pm- 1:45pm (KEY 0117) Jackson, F.

ANTH389X (PermReq) Research Problems: Honors Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ANTH389Y (PermReq) Research Problems: Honor Thesis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ANTH397 (PermReq) Anthropological Theory; Grade Method: REG/P-F/AUD. *Prerequisite. permission of department.* Offered fall only. 3 credits

0101 (01955) TuTh.....11:00am-12:15pm (WDS 1114) Stuart, M.

ANTH401 Cultural Anthropology: Principles and Processes; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. *Prerequisites: ANTH 101, ANTH 102, or ANTH 221.* 3 credits
0101 (01965) MWF.....11:00am-11:50am (WDS 1114) Chambers, E.

ANTH801 Applied Anthropology; Grade Method: REG. Offered fall only. 3 credits

0101 (01975) M..... 6:00pm- 8:40pm (WDS 1127) Chambers, E.

ANTH805 Theory of Cultural Anthropology; Grade Method: REG/AUD. Offered fall only. 3 credits

0101 (01985) TuTh.....11:00am-12:15pm (WDS 1114) Stuart, M.

ANTH806 Methods of Cultural Analysis I; Grade Method: REG. Contact department for class meeting times. Offered fall only. 3 credits
0101 (01995) Th..... 6:00pm- 8:40pm (WDS 1131) Ager, M.
Tu..... 6:00pm- 8:40pm (WDS 1131)

ANTH811 Management and Cultural Process; Grade Method: REG. Offered fall only. 3 credits

0101 (02005) W..... 6:00pm- 8:40pm (WDS 1127) Leone, M.

ANTH830 Quantitative Approaches to Applied Anthropology; Grade Method: REG/AUD. Offered fall only. 3 credits

0101 (02015) Tu..... 6:00pm- 8:40pm (WDS 1127) Nagle, C.

ANTH889A (PermReq) Special Problems in Anthropology; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH889C Special Problems in Anthropology: Culture and Personality; Grade Method: REG. Offered fall only. 3 credits

0101 (02044) MWF.....12:00pm-12:50pm (KEY 0102) Williams, A.

ANTH689D Special Problems in Anthropology: Culture and Discourse; Grade Method: REG/AUD. Offered fall only. — 3 credits

0101 (02054) TuTh..... 9:30am-10:45am (TYD 1140) — STAFF

ANTH689J Special Problems in Anthropology: Issues in Grassroots Development; Grade Method: REG. Offered fall only. — 3 credits

0101 (02064) TuTh.....12:30pm- 1:45pm (WDS 1130) — Wali, A.

ANTH689P (PermReq) Special Problems in Anthropology: Cults, Charisma, Commitment, and Conversion; Grade Method: REG/AUD. Offered fall only. — 3 credits

0101 (02074) TuTh..... 2:00pm- 3:15pm (WDS 1114) — Stuart, W.

ANTH689T (PermReq) Special Problems in Anthropology: Applied Urban Ethnography; Grade Method: REG. Offered fall only. — 4 credits

0101 (02084) Tu..... 4:00pm- 6:30pm (WDS 1130) — Whitehead, T.

ANTH689V (PermReq) Special Problems in Anthropology: Evolution of Human Variation; Grade Method: REG. Offered fall only. — 3 credits

0101 (02094) TuTh.....12:30pm- 1:45pm (KEY 0117) — Jackson, F.

ANTH705 (PermReq) Internship; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. *Prerequisite: ANTH 701.* — 6-12 credits

ANTH712 (PermReq) Internship Analysis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: ANTH 705.* — 3 credits

APDS Applied Design — (Arts and Humanities)

APDS431 Advanced Problems in Advertising Design; Grade Method: REG/P-F/AUD. *Prerequisite: APDS 430 or DESN 430. For advertising design majors only.* Attendance on the first day of classes is mandatory. — 3 credits

0101 (02191) Tu.....11:00am- 2:00pm (MMH 1413) — Lozner, R.
Th.....11:00am-12:00pm (MMH 1413) Lab

ARCH Architecture — (Architecture)

ARCH170 Introduction to the Built Environment; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C: Literature and the Arts Course. — 3 credits

0101 (02242) MW..... 9:00am- 9:50am (ARC 0204) — Francescato, G.
F..... 9:00am- 9:50am (EDU 1121) Dis
0102 (02243) MW..... 9:00am- 9:50am (ARC 0204) — Francescato, G.
W.....12:00pm-12:50pm (ARC 1101) Dis
0103 (02244) MW..... 9:00am- 9:50am (ARC 0204) — Francescato, G.
Th.....11:00am-11:50am (ARC 1127) Dis
0105 (02245) MW..... 9:00am- 9:50am (ARC 0204) — Francescato, G.
W.....12:00pm-12:50pm (ARC 1103) Dis
0106 (02246) MW..... 9:00am- 9:50am (ARC 0204) — Francescato, G.
W..... 1:00pm- 1:50pm (ARC 1103) Dis
0107 (02247) MW..... 9:00am- 9:50am (ARC 0204) — Francescato, G.
Th.....11:00am-11:50am (ARC 1105) Dis
0201 (02249) MW.....10:00am-10:50am (ARC 0204) — Hill, J.
F.....12:00pm-12:50pm (ARC 1101) Dis
0203 (02250) MW.....10:00am-10:50am (ARC 0204) — Hill, J.
W.....11:00am-11:50am (ARC 1101) Dis
0204 (02251) MW.....10:00am-10:50am (ARC 0204) — Hill, J.
W.....12:00pm-12:50pm (ARC 1105) Dis
0205 (02252) MW.....10:00am-10:50am (ARC 0204) — Hill, J.
F..... 1:00pm- 1:50pm (ARC 1103) Dis
0206 (02253) MW.....10:00am-10:50am (ARC 0204) — Hill, J.
F.....12:00pm-12:50pm (ARC 1105) Dis

ARCH220 History of Architecture I; Grade Method: REG/P-F/AUD. Offered fall only. — 3 credits

0101 (02263) TuTh..... 9:30am-10:45am (ARC 0204) — Gournay, I.

ARCH242 Drawing I; Grade Method: REG/P-F/AUD. Architecture majors only. — 2 credits

0101 (02273) M..... 9:00am-10:50am (ARC 1103) — Gardner, A.
M.....11:00am- 1:00pm (ARC 1121) Lab
0102 (02274) M..... 9:00am-10:50am (ARC 1103) — Gardner, A.
M.....11:00am- 1:00pm (ARC 1121) Lab
0103 (02275) M..... 9:00am-10:50am (ARC 1103) — Gardner, A.
M.....12:00pm- 2:00pm (ARC 1125) Lab
0105 (02276) M..... 9:00am-10:50am (ARC 1103) — Gardner, A.
Tu..... 4:00pm- 6:00pm (ARC 1101) Lab

ARCH388 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* Contact David Fogle for information. — 3-6 credits

ARCH400 (PermReq) Architecture Studio I; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH majors only.* Offered fall only. — 6 credits

0101 (02308) MWF..... 2:00pm- 6:00pm (ARC 0204) — STAFF
MWF..... 2:00pm- 6:00pm (ARC 1121) Lab

ARCH402 (PermReq) Architecture Studio III; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH 401 with a grade of C or better. For ARCH majors only* Offered fall only. — 6 credits

0101 (02318) MWF..... 2:00pm- 6:00pm (ARC 1103) — Bell, M.
MWF..... 2:00pm- 6:00pm (ARC 1123) Lab

ARCH408 (PermReq) Selected Topics in Architecture Studio: Architecture Studio Elective; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: ARCH 403 or equivalent. ARCH majors only. Contact S. Sachs for information. — 3-6 credits

ARCH410 (PermReq) Technology I; Grade Method: REG/P-F/AUD. *Prerequisites: MATH 220; and (PHYS 121 and PHYS 122) or PHYS 117 . Corequisite: ARCH 400. For ARCH majors only.* Offered fall only. — 4 credits

0101 (02350) TuTh..... 9:00am-11:00am (ARC 1105) — Loss, J.

ARCH412 (PermReq) Architectural Structures II; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH 312, ARCH 400. For ARCH majors only.* Offered fall only. — 3 credits

0101 (02360) TuTh..... 2:00pm- 4:00pm (ARC 1105) — Loss, J.

ARCH418E (PermReq) Selected Topics in Architectural Science: Experimental Architecture; Grade Method: REG/P-F/AUD. — 3 credits

0101 (02370) TuTh..... 4:00pm- 7:00pm (ARC 1125) — Loss, J.

ARCH419 (PermReq) Independent Studies in Architectural Science; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact J. Loss for course information. — 1-4 credits

ARCH420 (PermReq) History of American Architecture; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH 221 or permission of department.* Offered fall only. — 3 credits

0101 (02402) TuTh.....11:00am-12:15pm (ARC 1101) — Gournay, I.

ARCH423 (PermReq) History of Roman Architecture; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH 220 or permission of department.* Offered fall only. — 3 credits

0101 (02412) TuTh.....12:30pm- 1:45pm (ARC 1105) — Vann, R.

ARCH426 (PermReq) Fundamentals of Architecture; Grade Method: REG/AUD. *Prerequisite: admission to 3 1/2 year M. ARCH program.* Offered fall only. — 3 credits

0101 (02422) TuTh..... 2:00pm- 3:15pm (ARC 1103) — Etlin, R.

ARCH428A (PermReq) Selected Topics in Architectural History: The American City Seminar; Grade Method: REG/P-F/AUD. Offered fall only. — 3 credits

0101 (02432) M..... 9:00am-10:00am (ARC 1101) — Bell, M.
F..... 9:00am-11:00am (ARC 1101) Dis

ARCH428S (PermReq) Selected Topics in Architectural History: Small Towns Seminar; Grade Method: REG/P-F/AUD. Offered fall only. — 3 credits

0101 (02452) M..... 7:00pm-10:00pm (ARC 1121) — Bennett, R.

ARCH429 (PermReq) Independent Studies in Architectural History; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact L. Vann for course information. Majors only. — 1-4 credits

ARCH433 (PermReq) History of Renaissance Architecture; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH 221 or permission of department.* Offered fall only. — 3 credits

0101 (02484) M..... 9:00am- 9:50am (ARC 1105) — Kelly, B.
F..... 9:00am-10:50am (ARC 1105)

ARCH443 (PermReq) Visual Communication; Grade Method: REG. *Prerequisite: admission to the 3 1/2 year M. ARCH program. For ARCH majors only* Offered fall only. — 2 credits

0101 (02494) MWF.....11:00am-11:50am (ARC 1125) — Lewis, R.

ARCH445 (PermReq) Visual Analysis of Architecture; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH 401 and ARCH 343, or permission of department.* For majors only. — 3 credits

0101 (02504) M.....10:00am-11:50am (ARC 1101) — Drost, U.
W.....10:00am-10:50am (ARC 1101)

ARCH448 (PermReq) Independent Studies in Visual Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact Stephen Sachs for information. Majors only. — 1-4 credits

ARCH450 (PermReq) Introduction to Urban Planning; Grade Method: REG/P-F/AUD. Offered fall only. — 3 credits

0101 (02536) TuTh.....12:30pm- 1:45pm (ARC 1101) — Fogle, D.

ARCH459 (PermReq) Independent Studies in Urban Planning; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information. — 1-4 credits

ARCH460 (PermReq) Site Analysis and Design; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH majors only or permission of department.* — 3 credits

0101 (02568) M..... 7:00pm-10:00pm (ARC 1101) — STAFF

ARCH470 (PermReq) Computer Applications in Architecture; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH 400 or permission of department.* ARCH majors only. — 3 credits

0101 (02578) M..... 9:00am-10:50am (ARC 1127) — Sachs, S.
F.....10:00am-10:50am (ARC 1127) Lab

ARCH478D (PermReq) Selected Topics in Architecture: Measured Drawing for Historic Preservation; Grade Method: REG/AUD. Offered fall only. — 3 credits

0101 (02588) Tu..... 6:00pm- 9:00pm (ARC 1103) — STAFF

ARCH479 (PermReq) Independent Studies in Architecture; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information. — 1-4 credits

ARCH489 (PermReq) Independent Studies in Architectural Preservation; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information. — 1-4 credits

ARCH600 (PermReq) Architecture Studio V; Grade Method: REG/AUD. *Prerequisite: ARCH 403 or equivalent.* — 6 credits

0101 (02642) MWF..... 2:00pm- 6:00pm (ARC 1105) — Gardner, A.
MWF..... 2:00pm- 6:00pm (ARC 1125) Lab

ARCH601 (PermReq) Architecture Studio VI; Grade Method: REG/AUD. *Prerequisite: ARCH 600.* — 6 credits

0101 (02652) MWF..... 2:00pm- 6:00pm (ARC 1101) — STAFF
MWF..... 2:00pm- 6:00pm (ARC 0101) Lab

ARCH611 (PermReq) Advanced Architecture Technology Seminar; Grade Method: REG/AUD. *Prerequisite: ARCH 413. Corequisite: ARCH 600. For ARCH majors only.* Offered fall only. — 3 credits

0101 (02662) TuTh..... 4:30pm- 6:00pm (ARC 1105) — Bovill, C.

ARCH628G (PermReq) Selected Topics in Architectural History: The Greek Temple; Grade Method: REG/AUD. Offered fall only. — 3 credits

0101 (02672) Tu..... 6:00pm- 9:00pm (ARC 1121) — Vann, R.

ARCH635 Seminar in the History of Modern Architecture; Grade Method: REG/AUD. *Prerequisite: ARCH 434 or permission of department* Offered fall only. — 3 credits

0101 (02682) TuTh..... 9:30am-10:45am (ARC 1103) — Etlin, R.

ARCH674 (PermReq) Seminar in Regionalism; Grade Method: REG/AUD. *Prerequisite: permission of department.* Offered fall only. — 3 credits

0101 (02692) M..... 9:00am- 9:50am (ARC 1123) — Bechhoefer, W.
F..... 9:00am-11:00am (ARC 1121)

ARCH676 (PermReq) Field Research in Architecture; Grade Method: REG/AUD. *Prerequisite: permission of department* — 3 credits

0101 (02702) Time and room to be arranged — Bechhoefer, W.

ARCH678 (PermReq) Selected Topics in Architecture; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for course information. ARCH majors only. — 1-6 credits

ARCH679 (PermReq) Independent Studies in Architecture; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information. ARCH majors only. — 1-6 credits

ARCH700 (PermReq) Architecture Studio VII; Grade Method: REG/AUD. *Prerequisite: ARCH 601.* — 6 credits

0101 (02756) MWF..... 2:00pm- 6:00pm (ARC 1127) — Bell, M.
MWF..... 2:00pm- 6:00pm (ARC 0102) Lab

ARCH797 (PermReq) Thesis Proseminar; Grade Method: REG/AUD. *Prerequisite: ARCH 601.* — 3 credits

0101 (02776) W.....12:00pm- 1:00pm (ARC 1123) — Dupuy, K.
F.....12:00pm- 2:00pm (ARC 1123)

ARCH798 (PermReq) Thesis in Architecture; Grade Method: REG. — 3 credits

0101 (02786) Time and room to be arranged — Schumacher, T.

ARCH799 (PermReq) Master's Thesis Research; Grade Method: REG. — 1-6 credits

0101 (02796) Time and room to be arranged Lab — STAFF
Time and room to be arranged Dis

AREC Agriculture and Resource Economics — (Agriculture)

AREC240 Introduction to Economics and the Environment; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits

0101 (02846) MW..... 2:00pm- 3:15pm (SYM 0200) — Hueth, D.

AREC250 Elements of Agricultural and Resource Economics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. — 3 credits

0101 (02856) MWF.....11:00am-11:50am (SYM 0200) — Brown, E.

AREC365 World Hunger, Population, and Food Supplies; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. CORE Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. — 3 credits

0101 (02866) TuTh..... 2:00pm- 3:15pm (HJP 0226) — Foster, P.

AREC388 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

AREC399 Special Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-2 credits

AREC407 Agricultural Finance; Grade Method: REG/P-F/AUD. *Prerequisite: AREC 250.* — 3 credits

0101 (02903) MWF.....11:00am-11:50am (ARM 0110) — Wysong, J.

AREC414 Agricultural Business Management; Grade Method: REG/P-F/AUD. *Prerequisite: AREC 250.* — 3 credits

0101 (02913) TuTh..... 3:30pm- 4:45pm (SYM 2109) — Cain, J.
0201 (02914) TuTh.....12:30pm- 1:45pm (HZF 1101) — Cain, J.

AREC427 Economics of Agricultural Marketing Systems; Grade Method: REG/P-F/AUD. *Prerequisite: AREC 250.* — 3 credits

0101 (02924) MWF.....11:00am-11:50am (SYM 2109) — Moore, J.

AREC432 Introduction to Natural Resources Policy; Grade Method: REG/P-F/AUD. — 3 credits

0101 (02934) W..... 3:15pm- 5:45pm (SYM 0200) — Kanges, P.
M..... 3:15pm- 5:45pm (Arranged) Lab
0102 (02935) W..... 3:15pm- 5:45pm (SYM 0200) — Kanges, P.
W..... 3:15pm- 5:45pm (Arranged) Lab

AREC433 Food and Agricultural Policy; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: AREC 250.* — 3 credits

0101 (02945) MWF..... 9:00am- 9:50am (SYM 2109) — Brown, E.

AREC453 Natural Resources and Public Policy; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: AREC 250 and ECON 203.* — 3 credits

0101 (02955) TuTh..... 9:30am-10:45am (ARM 0112) — Strand, I.

AREC484 Introduction to Econometrics in Agriculture; Grade Method: REG/P-F/AUD. — 3 credits

0101 (02965) TuTh..... 3:30pm- 4:45pm (SYM 1308) — Whittington, L.

AREC820 Optimization in Agricultural and Resource Economics; Grade Method: REG/AUD. *Prerequisite: differential calculus and one course in matrix or linear algebra.* — 3 credits

0101 (02975) MWF..... 8:30am- 9:45am (SYM 1308) — Horowitz, J.

AREC823 Applied Econometrics I; Grade Method: REG/AUD. This course is co-taught by Dr. Bookstael and Dr. Just. — 4 credits

0101 (02985) MWF.....12:00pm- 1:30pm (SYM 2109) — Bockstael, N.

AREC825 Economic Welfare Analysis; Grade Method: REG/AUD. *Credit will be granted for only one of the following: AREC 625 or AREC 825.* — 3 credits

0101 (02995) MW..... 2:00pm- 3:15pm (SYM 2109) — Bockstael, N.

AREC844 International Agricultural and Resource Trade; Grade Method: REG/AUD. *Credit will be granted for only one of the following: AREC 644 or AREC 844.* — 3 credits

0101 (03005) TuTh..... 8:00am- 9:15am (SYM 2109) — Lopez, R.

AREC899 (PermReq) Special Problems in Agricultural and Resource Economics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-2 credits

AREC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

AREC825 Advanced Economic Welfare Analysis; Grade Method: REG/AUD. *Credit will be granted for only one of the following: AREC 625 or AREC 825.* — 3 credits

0101 (03054) MW..... 2:00pm- 3:15pm (SYM 2109) — Bockstael, N.

AREC844 Advanced International Agricultural and Resource Trade; Grade Method: REG/AUD. *Credit will be granted for only one of the following: AREC 644 or AREC 844.* — 3 credits

0101 (03064) TuTh..... 8:00am- 9:15am (SYM 2109) — Lopez, R.

AREC869 Advanced Topics in Agricultural Economics; Grade Method: REG/AUD. — 1-3 credits

0101 (03074) W..... 3:30pm- 5:00pm (SYM 2109) — Just, R.
F..... 2:00pm- 3:30pm (SYM 2109)

AREC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

ARHU Arts and Humanities — (Arts and Humanities)

ARHU308B Critical Eras: An Interdisciplinary View: Analysis of Scandinavian Civilization; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. — 3 credits

0101 (03151) TuTh..... 2:00pm- 3:15pm (SCP 1120) — Oster, R.

ARHU309A Forms and Forces of Human Experience: An Interdisciplinary Exploration:Arts/Humanities/Literature 17-18th Century Europe; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. — 3 credits

0101 (03161) TuTh.....11:00am-12:15pm (ARC 1103) — Etlin, R.

ARSC Air Science — (Special Programs)

ARSC100 The Air Force Today I; Grade Method: REG. An elective but required for freshmen desiring the four-year AFROTC program. The course consists of one lecture period, one corps — 1 credit

training period (lab), and one physical fitness session each week. All cadets must attend corps assembly on 9 Sept from 0730-0850, Room 0135 Armory. The rest of the semester, cadets will meet at 0715 on Thursdays for lab.

0101 (03211) Th.....10:00am-10:50am (COL 3111) Williams, J.
Th..... 7:15am- 8:50am (ARM 1122) Lab
0103 (03212) Th..... 2:00pm- 2:50pm (COL 3112) Williams, J.
Th..... 7:15am- 8:50am (ARM 1122) Lab

ARSC200 **The Development of Air Power I; Grade Method: REG.** An elective, but required for sophomores desiring the four-year AFROTC Program. The course consists of one lecture period, one corps training period (lab), and one physical fitness session each week. All cadets must attend corps assembly on 9 Sept from 0730-0850, Room 0135 Armory. The rest of the semester, cadets will meet at 0715 on Thursday for lab. Only cadets with class conflicts at 0800 may attend the 0615 lab with the approval of instructor. — 1 credit

0101 (03222) Th.....10:00am-10:50am (COL 3112) STAFF
Th..... 7:15am- 8:50am (ARM 1122) Lab
0102 (03223) Th..... 2:00pm- 2:50pm (COL 3111) STAFF
Tu..... 7:15am- 8:50am (ARM 1122) Lab
0111 (03224) Th.....10:00am-10:50am (COL 3112) STAFF
Th..... 6:15am- 7:50am (ARM 1122) Lab
0112 (03225) Th..... 2:00pm- 2:50pm (COL 3111) STAFF
Tu..... 6:15am- 7:50am (ARM 1122) Lab

ARSC205 (PermReq) **The U.S. Air Force and Air Power; Grade Method: REG.** *Open only to applicants selected by AFROTC to compete for entrance into the two-year AFROTC program as a contract cadet.* — 4 credits

0101 (03235) Time and room to be arranged STAFF

ARSC310 **Management and Leadership I; Grade Method: REG. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** Consists of 3 lecture hours, one corps training (lab) period and, one physical fitness session each week. Required for all juniors in AFROTC. Open to all university students (without lab) as an elective. All cadets must attend corps assembly on 9 Sept from 0730-0850, Room 0135 Armory. The rest of the semester, cadets will meet at 0715 on Thursday for lab. Only cadets with class conflicts at 0800 may attend the 0615 lab with approval of instructor. — 3 credits

0101 (03245) Th..... 9:00am-11:30am (COL 3110) Miller, R.
Th..... 7:15am- 8:50am (COL 3109) Lab
0102 (03246) TuTh..... 2:00pm- 3:15pm (COL 3110) Miller, R.
Th..... 7:15am- 8:50am (COL 3109) Lab
0111 (03247) Th..... 9:00am-11:30am (COL 3110) Miller, R.
Th..... 6:15am- 7:50am (COL 3109) Lab
0112 (03248) TuTh..... 2:00pm- 3:15pm (COL 3110) Miller, R.
Th..... 6:15am- 7:50am (COL 3109) Lab

ARSC320 **National Security Forces in Contemporary American Society I; Grade Method: REG. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** Consists of 3 lecture hours, one corps training (lab), and one physical fitness sessions each week. Required course for all seniors in AFROTC and open to all university students (without lab) as an elective. All cadets must attend corps assembly on 9 Sept from 0730-0850, The rest of the semester, cadets will meet at 0715 on Thursdays for lab. Cadets may attend 0101 only with approval of instructor. — 3 credits

0100 (03256) Th..... 9:30am-12:00pm (COL 3121) Rensler, K.
Th..... 7:15am- 8:50am (COL 3109) Lab
0101 (03259) Th..... 9:30am-12:00pm (COL 3121) Rensler, K.
Th..... 6:15am- 7:50am (COL 3109) Lab
0200 (03260) Time and room to be arranged Rensler, K.
Time and room to be arranged Lab

ARTH Art History & Archaeology (Arts and Humanities)

ARTH100 **Introduction to Art; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C: Literature and the Arts Course.** *No credit toward the major can be received for this course.* — 3 credits

0101 (03310) TuTh.....11:00am-11:50am (ASY 2203) Miller, A.
M..... 8:00am- 8:50am (ASY 3211) Dis
0102 (03311) TuTh.....11:00am-11:50am (ASY 2203) Miller, A.
M..... 9:00am- 9:50am (ASY 3211) Dis
0103 (03312) TuTh.....11:00am-11:50am (ASY 2203) Miller, A.
W..... 9:00am- 9:50am (ASY 3219) Dis
0104 (03313) TuTh.....11:00am-11:50am (ASY 2203) Miller, A.
W.....10:00am-10:50am (ASY 3219) Dis
0105 (03314) TuTh.....11:00am-11:50am (ASY 2203) Miller, A.
F.....12:00pm-12:50pm (ASY 3217) Dis
0106 (03315) TuTh.....11:00am-11:50am (ASY 2203) Miller, A.
Tu..... 8:00am- 8:50am (ASY 3219) Dis

ARTH200 **Art of the Western World I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C: Literature and the Arts Course.** *Formerly ARTH 260.* — 3 credits

0101 (03325) MW.....10:00am-10:50am (ASY 2203) Spiro, M.
W.....11:00am-11:50am (ASY 3219) Dis
0102 (03326) MW.....10:00am-10:50am (ASY 2203) Spiro, M.
Th..... 8:00am- 8:50am (ASY 3215) Dis
0103 (03327) MW.....10:00am-10:50am (ASY 2203) Spiro, M.
F..... 9:00am- 9:50am (ASY 3215) Dis
0104 (03328) MW.....10:00am-10:50am (ASY 2203) Spiro, M.
F.....10:00am-10:50am (ASY 3219) Dis
0201 (03329) MW.....11:00am-11:50am (ASY 2203) Denny, D.
Th..... 9:00am- 9:50am (ASY 3219) Dis
0202 (03330) MW.....11:00am-11:50am (ASY 2203) Denny, D.
Th.....10:00am-10:50am (ASY 3219) Dis
0203 (03331) MW.....11:00am-11:50am (ASY 2203) Denny, D.
Th.....11:00am-11:50am (ASY 3219) Dis
0204 (03332) MW.....11:00am-11:50am (ASY 2203) Denny, D.
F..... 8:00am- 8:50am (ASY 3219) Dis
0205 (03333) MW.....11:00am-11:50am (ASY 2203) Denny, D.
F.....11:00am-11:50am (ASY 3219) Dis
0206 (03334) MW.....11:00am-11:50am (ASY 2203) Denny, D.
F.....12:00pm-12:50pm (ASY 3215) Dis

ARTH201 **Art of the Western World II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C: Literature and the Arts Course.** *Formerly ARTH 261.* — 3 credits

0101 (03344) MW..... 9:00am- 9:50am (ASY 2203) Promey, S.
F..... 9:00am- 9:50am (ASY 3219) Dis
0102 (03345) MW..... 9:00am- 9:50am (ASY 2203) Promey, S.
M.....10:00am-10:50am (ASY 3215) Dis
0103 (03346) MW..... 9:00am- 9:50am (ASY 2203) Promey, S.
W.....10:00am-10:50am (ASY 3215) Dis
0104 (03347) MW..... 9:00am- 9:50am (ASY 2203) Promey, S.
Tu..... 9:00am- 9:50am (ASY 3219) Dis
0201 (03348) TuTh.....11:00am-11:50am (ASY 1213) Hargrove, J.
Tu..... 8:00am- 8:50am (ASY 3215) Dis
0202 (03349) TuTh.....11:00am-11:50am (ASY 1213) Hargrove, J.
Th..... 8:00am- 8:50am (ASY 3211) Dis

ARTH290 **Art of Asia; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course.** *Formerly ARTH 262.* — 3 credits

0101 (03359) TuTh..... 9:30am-10:20am (ASY 2203) Kuo, J.
Tu.....11:00am-11:50am (ASY 3219) Dis
0102 (03360) TuTh..... 9:30am-10:20am (ASY 2203) Kuo, J.
Th..... 8:00am- 8:50am (ASY 3219) Dis
0103 (03361) TuTh..... 9:30am-10:20am (ASY 2203) Kuo, J.
F..... 9:00am- 9:50am (ASY 3211) Dis
0104 (03362) TuTh..... 9:30am-10:20am (ASY 2203) Kuo, J.
F.....10:00am-10:50am (ASY 3215) Dis

ARTH378 (PermReq) **Special Topics for Honors Students; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 3 credits

ARTH379 (PermReq) **Honors Thesis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 3-6 credits

ARTH386 (PermReq) **Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

ARTH390 **Art of China; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course.** *Formerly ARTH 406.* — 3 credits

0101 (03392) TuTh..... 2:00pm- 3:15pm (ASY 3211) Kuo, J.

ARTH401 **Aegean Art and Archaeology; Grade Method: REG/P-F/AUD.** *Formerly ARTH 404* — 3 credits

0101 (03402) TuTh.....11:00am-12:15pm (ASY 3215) Venit, M.

ARTH403 **Roman Art and Archaeology; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (03412) TuTh..... 2:00pm- 3:15pm (ASY 3215) Venit, M.

ARTH420 **Fourteenth and Fifteenth-Century Northern European Art; Grade Method: REG/P-F/AUD.** *Formerly ARTH 416* — 3 credits

0101 (03422) MWF.....11:00am-11:50am (ASY 3211) Caswell, J.

ARTH456 **Twentieth-Century Art from 1945; Grade Method: REG/P-F/AUD.** *Formerly ARTH 451.* — 3 credits

0101 (03432) TuTh..... 3:30pm- 4:45pm (ASY 3215) STAFF

ARTH466 **Feminist Perspectives on Women in Art; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (03442) TuTh..... 9:30am-10:45am (ASY 3215) Withers, J.

ARTH475 **Ancient Art of Africa; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course.** *Formerly ARTH 463.* — 3 credits

0101 (03452) TuTh..... 9:30am-10:45am (ASY 3211) Eyo, E.

ARTH476 **Living Art of Africa; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course.** *Formerly ARTH 463.* — 3 credits

0101 (03462) TuTh.....12:30pm- 1:45pm (ASY 3211) Eyo, E.

ARTH489A **Special Topics in Art History: The Eyes of the Twentieth Century; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (03472) TuTh.....12:30pm- 1:45pm (ASY 3215) STAFF

ARTH489B (PermReq) **Special Topics in Art History: Special Topics in Italian History, 1400-1700; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (03482) TuTh..... 3:30pm- 4:45pm (ASY 3211) STAFF

ARTH495 **Japanese Painting; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course.** *Formerly ARTH 405.* — 3 credits

0101 (03503) TuTh.....11:00am-12:15pm (ASY 3211) Sandler, M.

ARTH498 (PermReq) **Directed Studies in Art History I; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 2-3 credits

ARTH499 (PermReq) **Directed Studies in Art History II; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 2-3 credits

ARTH638 (PermReq) **Studies in Seventeenth-Century Southern European Art; Grade Method: REG/AUD.** For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits

0101 (03556) Tu..... 7:00pm- 9:40pm (ASY 4304) Colantuono, A.

ARTH658 (PermReq) **Studies in American Art; Grade Method: REG/AUD.** For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits

0101 (03566) M..... 1:00pm- 3:40pm (ASY 4304) Promey, S.

ARTH659 **Studies in Twentieth-Century Art; Grade Method:** (PermReq) **REG/AUD.** For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits

0101 (03576) Tu..... 1:00pm- 3:40pm (ASY 4304) Withers, J.

ARTH678 (PermReq) **Studies in Japanese Art; Grade Method: REG/AUD.** For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits

0101 (03586) Th..... 4:00pm- 6:40pm (ASY 4304) Sandler, M.

ARTH689A **Selected Topics in Art History: Colloquium in Modern Architecture; Grade Method: REG/AUD.** For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits

0101 (03596) TuTh..... 9:30am-10:45am (ARC 1103) Etlin, R.

ARTH692 (PermReq) **Methods of Art History; Grade Method: REG/AUD.** For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits

0101 (03606) W..... 7:00pm- 9:40pm (ASY 4304) Farquhar, J.

ARTH709 (PermReq) **Seminar in Late Roman, Early Christian, and Byzantine Art; Grade Method: REG/AUD.** For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits

0101 (03616) M..... 4:00pm- 6:40pm (ASY 4306) Spiro, M.

ARTH718 (PermReq) **Seminar in Medieval Art; Grade Method: REG/AUD.** For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits

0101 (03626) M..... 7:00pm- 9:40pm (ASY 4304) Denny, D.

ARTH739 (PermReq) **Seminar in Seventeenth-Century Northern European Art; Grade Method: REG/AUD.** For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits

0101 (03636) M..... 4:00pm- 6:40pm (ASY 4304) Wheelock, A.

ARTH749 (PermReq) **Seminar in Nineteenth-Century European Art; Grade Method: REG/AUD.** For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits

0101 (03646) Tu..... 4:00pm- 6:40pm (ASY 4304) Hargrove, J.

ARTH758 (PermReq) **Seminar in American Art; Grade Method: REG/AUD.** For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits

0101 (03656) Th..... 7:00pm- 9:40pm (ASY 4304) Kelly, F.

ARTH768 (PermReq) **Seminar in Latin American Art and Archaeology; Grade Method: REG/AUD.** For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits

0101 (03666) Th..... 1:00pm- 3:40pm (ASY 4304) Miller, A.

ARTH798 **Directed Graduate Studies in Art History; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits

ARTH799 **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** For all non-art history and archaeology graduate students, written permission of the instructor is required. — 1-6 credits

ARTH899 **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** For all non-art history and archaeology graduate students, written permission of the instructor is required. — 1-6 credits

ARTT Art Studio (Arts and Humanities)

ARTT100 **Elements of Two-Dimensional Form and Space; Grade Method: REG/P-F/AUD.** *Formerly ARTS 100.* — 3 credits

0101 (03775) MW..... 9:30am-11:30am (ASY 2314) STAFF
0201 (03776) MW..... 9:30am-11:30am (ASY 2314) STAFF
0301 (03777) MW..... 3:00pm- 5:00pm (ASY 2314) STAFF
0401 (03778) MW..... 3:00pm- 5:00pm (ASY 2318) STAFF
0501 (03779) TuTh.....12:30pm- 2:30pm (ASY 2314) Lapinski, T.
0601 (03780) TuTh.....12:30pm- 2:30pm (ASY 2314) Lapinski, T.
0701 (03781) TuTh..... 3:00pm- 5:00pm (ASY 2314) STAFF
0801 (03782) TuTh..... 3:00pm- 5:00pm (ASY 2318) STAFF

ARTT110 **Elements of Drawing I; Grade Method: REG/P-F/AUD.** *Formerly ARTS 110.* — 3 credits

0101 (03792) MW..... 9:00am-11:30am (ASY 2317) Lab Niese, H.
0201 (03793) MW..... 9:00am-11:30am (ASY 2317) Lab Niese, H.
0301 (03794) MW..... 3:00pm- 5:30pm (ASY 2317) Lab STAFF
0401 (03795) MW..... 3:00pm- 5:30pm (ASY 2321) Lab STAFF
0501 (03796) TuTh..... 9:00am-11:30am (ASY 2317) Lab STAFF
0601 (03797) TuTh..... 9:00am-11:30am (ASY 2321) Lab STAFF
0701 (03798) TuTh.....12:30pm- 3:00pm (ASY 2317) Lab Kehoe, P.
0801 (03799) TuTh.....12:30pm- 3:00pm (ASY 2321) Lab Kehoe, P.

ARTT150 **Introduction to Art Theory; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course.** — 3 credits

0101 (03809) MW.....12:30pm- 1:20pm (ASY 2309) Klenk, R.
W.....10:00am-10:50am (ASY 1309) Dis
0102 (03810) MW.....12:30pm- 1:20pm (ASY 2309) Klenk, R.
W..... 2:00pm- 2:50pm (ASY 1309) Dis
0103 (03811) MW.....12:30pm- 1:20pm (ASY 2309) Klenk, R.
F..... 1:00pm- 1:50pm (ASY 1309) Dis

ARTT200 **Elements of Three-Dimensional Form and Space; Grade Method: REG/P-F/AUD.** *Prerequisite: ARTT 100. Formerly ARTS 200.* — 3 credits

0101 (03821) MW..... 9:00am-11:30am (ASY 1311) Lab STAFF
0201 (03822) TuTh..... 3:00pm- 5:30pm (ASY 1311) Lab Shem, F.
0301 (03823) TuTh..... 5:30pm- 7:30pm (ASY 1314) McCarty, J.

ARTT210 **Elements of Drawing II; Grade Method: REG/P-F/AUD.** *Prerequisite: ARTT 110. Formerly ARTS 210.* — 3 credits

0101 (03833) MW..... 9:00am-11:30am (ASY 2322) Lab STAFF
0201 (03834) MW.....12:30pm- 3:00pm (ASY 2315) Lab Driskell, D.
0301 (03835) TuTh..... 9:00am-11:30am (ASY 2315) Lab Richardson, W.
0401 (03836) TuTh..... 3:00pm- 5:30pm (ASY 2315) Lab STAFF

ARTT320 **Elements of Painting; Grade Method: REG/P-F/AUD.** *Prerequisite: ARTT 210. Formerly ARTS 320.* — 3 credits

0101 (03846) MW..... 9:00am-11:30am (ASY 3316) Lab Klenk, R.
0201 (03847) MW.....12:30pm- 3:00pm (ASY 3312) Lab Gelman, E.
0301 (03848) TuTh..... 3:00pm- 5:30pm (ASY 3316) Lab Kehoe, P.
0401 (03849) TuTh.....12:00pm- 2:30pm (ASY 3312) Lab Craig, P.
0501 (03850) TuTh.....12:00pm- 2:30pm (ASY 3316) Lab Craig, P.

ARTT330 **Elements of Sculpture: Metal Casting; Grade Method: REG/P-F/AUD.** *Prerequisites: ARTT 200; and ARTT 210. Formerly ARTS 330.* — 3 credits

0101 (03860) MW.....12:30pm- 3:00pm (ASY 1310) Lab Ruppert, J.

ARTT331 **Elements of Sculpture: Steel; Grade Method: REG/P-F/AUD.** *Prerequisites: ARTT 200; and ARTT 210.* — 3 credits

0101 (03870) MW..... 3:00pm- 5:30pm (ASY 1314) Ruppert, J.

ARTT332 **Elements of Sculpture: Stone; Grade Method: REG/P-F/AUD.** *Prerequisites: ARTT 200; and ARTT 210. Formerly ARTT 335.* — 3 credits

0101 (03880) TuTh.....12:30pm- 3:00pm (ASY 1314) McCarty, J.
0201 (03881) TuTh..... 3:00pm- 5:30pm (ASY 1314) McCarty, J.

ARTT333 **Elements of Sculpture: Wood and Mixed Media; Grade Method: REG/P-F/AUD.** *Prerequisites: ARTT 200; and ARTT 210.* — 3 credits

0101 (03891) TuTh.....12:30pm- 3:00pm (ASY 1311) Lab Shem, F.

ARTT340 **Elements of Printmaking: Intaglio; Grade Method: REG/P-F/AUD.** *Prerequisite: ARTT 210. Formerly ARTS 340.* — 3 credits

0101 (03901) MW..... 3:00pm- 5:30pm (ASY 1317) Pogue, S.

ARTT341 **Elements of Printmaking: Woodcut and Relief; Grade Method: REG/P-F/AUD.** *Prerequisite: ARTT 210. Formerly ARTS 341.* — 3 credits

0101 (03911) TuTh.....12:00pm- 2:30pm (ASY 1317) Forbes, J.

ARTT344 **Elements of Printmaking: Lithography; Grade Method: REG/P-F/AUD.** *Prerequisite: ARTT 210. Formerly ARTS 344.* — 3 credits

0101 (03921) MW..... 9:00am-11:30am (ASY 1317) Lab Humphrey, M.
0201 (03922) MW.....12:30pm- 3:00pm (ASY 1317) Lab Humphrey, M.

ARTT386 (PermReq) **Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

ARTT418 **Drawing: Advanced Drawing; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (03947) MW..... 9:00am-11:30am (ASY 2315) Lab STAFF
0201 (03948) MW..... 3:00pm- 5:30pm (ASY 2315) Lab Gelman, E.

ARTT418B **Drawing: A Contemporary Approach to Drawing; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (03958) TuTh..... 9:00am-11:30am (ASY 2322) Lab Craig, P.

ARTT418C **Drawing: Works on Paper/Water Based Media; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (03968) TuTh..... 9:00am-11:30am (ASY 3306) Lapinski, T.

ARTT428 **Painting: Advanced Painting; Grade Method: REG/P-F/AUD.** Section 0201 emphasizes acrylic paint. — 3 credits

0101 (03978) MW..... 9:00am-11:30am (ASY 3518) Lab Klenk, R.
0201 (03979) MW.....12:30pm- 3:00pm (ASY 3522) Lab Niese, H.
0301 (03980) TuTh.....12:30pm- 3:00pm (ASY 3518) Lab Richardson, W.

ARTT438A (PermReq) **Sculpture: Metal Casting; Grade Method: REG/P-F/AUD.** Prerequisite: ARTT 330. — 3 credits

0101 (03990) MW.....12:30pm- 5:00pm (ASY 1310) Ruppert, J.

ARTT438B **Sculpture: Advanced Stone Carving; Grade Method: REG/P-F/AUD.** Prerequisite: ARTT 332. — 3 credits

0101 (04000) TuTh..... 3:00pm- 5:30pm (ASY 1314) McCarty, J.

ARTT438C **Sculpture: Advanced Steel Sculpture; Grade Method: REG/P-F/AUD.** Prerequisite: ARTT 331. — 3 credits

0101 (04010) MW..... 3:00pm- 5:30pm (ASY 1314) Lab Ruppert, J.

ARTT438D (PermReq) **Sculpture: Advanced Sculpture in Wood and Mixed Media; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (04020) TuTh.....12:30pm- 5:00pm (ASY 1311) Lab Shem, F.

ARTT448C **Printmaking: Advanced Relief and Intaglio; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (04040) TuTh..... 3:30pm- 6:00pm (ASY 1317) Forbes, J.

ARTT460 (PermReq) **Seminar in Art Theory; Grade Method: REG/P-F/AUD.** *Prerequisite: permission of department. Senior standing.* — 3 credits

0101 (04050) TuTh.....12:30pm- 1:45pm (ASY 3304) STAFF

ARTT468A **Seminar on the Interrelationship between Art and Art Theory; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (04070) F..... 9:00am-11:30am (ASY 4306) Truitt, A.

ARTT468B Seminar on the Interrelationship between Art and Art Theory: Issues in Contemporary Art; Grade Method: REG/P-F/AUD. — 3 credits
0101 (04080) MW.....12:30pm- 1:20pm (ASV 2309) Klank, R.
M..... 2:00pm- 2:50pm (ASV 1301) Dis

ARTT478 Papermaking; Grade Method: REG/P-F/AUD. — 3 credits
0101 (04090) MW..... 9:00am-11:30am (ASV 3304) Lab Pogue, S.

ARTT489C Advanced Special Topics in Art: Methods and Materials of the Artist; Grade Method: REG/P-F/AUD. — 3 credits
0101 (04100) MW..... 3:00pm- 5:30pm (ASV 3304) Lab Driskell, D.

ARTT489F (PermReq) Advanced Special Topics in Art: Special Topics in Photography; Grade Method: REG/P-F/AUD. Prerequisites: 9 credits in ARTT completed; or permission of instructor. Introduction to basic black and white photographic techniques with an emphasis on history and theory of photography. 35mm camera with manual override capabilities required. — 3 credits
0101 (04110) TuTh..... 9:00am-11:30am (ASV M1325-B) Jacobs, W.

ARTT488 (PermReq) Directed Studies in Studio Art; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. Not available as an elective. — 2-3 credits

ARTT810 Drawing; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number. *Formerly ARTS 610.* — 3 credits

ARTT820 Painting; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number. *Formerly ARTS 620.* — 3 credits

ARTT834 Experimentation in Sculpture; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number. *Formerly ARTS 634.* — 3 credits

ARTT848 Printmaking; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number. *Formerly ARTS 648.* — 3 credits

ARTT889A Special Problems in Studio Art: Seminar on Interrelationship between Art and Art Theory; Grade Method: REG/AUD. — 3 credits
0101 (04182) F..... 9:00am-11:30am (ASV 4306) Truitt, A.

ARTT888 (PermReq) Directed Graduate Studies in Studio Art; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTT798 (PermReq) Directed Graduate Studies in Studio Art; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTT799 Master's Thesis Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. — 1-6 credits

ASTR Astronomy — (Computer, Mathematical and Physical Sciences)

ASTR100 Introduction to Astronomy; Grade Method: REG/P-F/AUD. *Credit for ASTR 100 cannot be obtained after, or simultaneously with, receiving credit for any astronomy course numbered 150 or higher.* CORE Distributive Studies Physical Science Non-Lab Physical Science course. CORE Distributive Studies Physical Science Laboratory course when taken concurrently with ASTR 110 or ASTR 111. USP Distributive Studies Area B Course. If ASTR 110 or ASTR 111 are taken at the same or at a later time, the combination may be counted as USP Area B lab science requirement. Discussion sections do not meet the first week. Attend lecture before coming to discussion section. — 3 credits
0101 (04296) TuTh..... 9:30am-10:45am (PHY 1412) Stone, J.
M..... 9:00am- 9:50am (CSS 1113) Dis
0102 (04297) TuTh..... 9:30am-10:45am (PHY 1412) Stone, J.
M.....11:00am-11:50am (CSS 1113) Dis
0103 (04298) TuTh..... 9:30am-10:45am (PHY 1412) Stone, J.
W..... 9:00am- 9:50am (CSS 1113) Dis
0104 (04299) TuTh..... 9:30am-10:45am (PHY 1412) Stone, J.
W.....11:00am-11:50am (CSS 1113) Dis
0105 (04300) TuTh..... 9:30am-10:45am (PHY 1412) Stone, J.
F.....11:00am-11:50am (CSS 1113) Dis
0106 (04301) TuTh..... 9:30am-10:45am (PHY 1412) Stone, J.
F.....12:00pm-12:50pm (CSS 1113) Dis
0107 (04302) TuTh..... 9:30am-10:45am (PHY 1412) Stone, J.
F..... 1:00pm- 1:50pm (CSS 1113) Dis

ASTR101 General Astronomy; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Not open to students who have completed ASTR 100 or any astronomy course numbered higher than 100.* Discussion sections and lab sections do not meet the first week of classes. Attend lecture before coming to discussion or lab sections. — 4 credits
0101 (04312) TuTh.....11:00am-12:15pm (PHY 1412) Wentzel, D.
W..... 8:00am-10:00am (CSS 1109) Lab
Tu..... 5:30pm- 4:20pm (CSS 1113) Dis
0102 (04313) TuTh.....11:00am-12:15pm (PHY 1412) Wentzel, D.
W.....10:30am-12:30pm (CSS 1109) Lab
Tu..... 5:30pm- 4:20pm (CSS 1113) Dis
0103 (04314) TuTh.....11:00am-12:15pm (PHY 1412) Wentzel, D.
W..... 6:00pm- 8:00pm (CSS 1109) Lab
W.....12:00pm-12:50pm (CSS 1113) Dis
0104 (04315) TuTh.....11:00am-12:15pm (PHY 1412) Wentzel, D.
W..... 1:00pm- 3:00pm (CSS 1109) Lab
W.....12:00pm-12:50pm (CSS 1113) Dis
0105 (04316) TuTh.....11:00am-12:15pm (PHY 1412) Wentzel, D.
Th..... 8:00am-10:00am (CSS 1109) Lab
W..... 3:00pm- 3:50pm (CSS 1113) Dis
0106 (04317) TuTh.....11:00am-12:15pm (PHY 1412) Wentzel, D.
Th..... 3:30pm- 5:30pm (CSS 1109) Lab
W..... 3:00pm- 3:50pm (CSS 1113) Dis
0107 (04318) TuTh.....11:00am-12:15pm (PHY 1412) Wentzel, D.
Th..... 6:00pm- 8:00pm (CSS 1109) Lab
Th..... 3:30pm- 4:20pm (CSS 1113) Dis
0108 (04319) TuTh.....11:00am-12:15pm (PHY 1412) Wentzel, D.
F..... 8:00am-10:00am (CSS 1109) Lab
Th..... 3:30pm- 4:20pm (CSS 1113) Dis
0109 (04320) TuTh.....11:00am-12:15pm (PHY 1412) Wentzel, D.
F.....10:30am-12:30pm (CSS 1109) Lab
F..... 9:00am- 9:50am (CSS 1113) Dis
0110 (04321) TuTh.....11:00am-12:15pm (PHY 1412) Wentzel, D.
F..... 3:30pm- 5:30pm (CSS 1109) Lab
F..... 9:00am- 9:50am (CSS 1113) Dis
0201 (04322) MWF..... 9:00am- 9:50am (PHY 1412) Mundy, L.
M..... 1:00pm- 3:00pm (CSS 1109) Lab
M.....12:00pm-12:50pm (CSS 1113) Dis
0202 (04323) MWF..... 9:00am- 9:50am (PHY 1412) Mundy, L.
M..... 6:00pm- 8:00pm (CSS 1109) Lab
M.....12:00pm-12:50pm (CSS 1113) Dis
0203 (04324) MWF..... 9:00am- 9:50am (PHY 1412) Mundy, L.
M..... 3:30pm- 5:30pm (CSS 1109) Lab
M..... 1:00pm- 1:50pm (CSS 1113) Dis
0204 (04325) MWF..... 9:00am- 9:50am (PHY 1412) Mundy, L.
Tu.....10:30am-12:30pm (CSS 1109) Lab
M..... 1:00pm- 1:50pm (CSS 1113) Dis
0205 (04326) MWF..... 9:00am- 9:50am (PHY 1412) Mundy, L.
Tu..... 8:00am-10:00am (CSS 1109) Lab
M..... 3:00pm- 3:50pm (CSS 1113) Dis
0206 (04327) MWF..... 9:00am- 9:50am (PHY 1412) Mundy, L.
Tu..... 3:30pm- 5:30pm (CSS 1109) Lab
M..... 3:00pm- 3:50pm (CSS 1113) Dis
0207 (04328) MWF..... 9:00am- 9:50am (PHY 1412) Mundy, L.
Th..... 1:00pm- 3:00pm (CSS 1109) Lab
W..... 1:00pm- 1:50pm (CSS 1113) Dis
0208 (04329) MWF..... 9:00am- 9:50am (PHY 1412) Mundy, L.
F..... 1:00pm- 3:00pm (CSS 1109) Lab
W..... 1:00pm- 1:50pm (CSS 1113) Dis

ASTR110 Astronomy Laboratory; Grade Method: REG/P-F/AUD. *Pre- or corequisite: ASTR 100.* CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with ASTR 100. Labs do not meet first week of classes. ASTR 110 will not be offered again after the fall semester. Students are encouraged to take ASTR 101 to fulfill a CORE Distributive Studies Physical Science Laboratory course. — 1 credit
0101 (04339) M..... 8:00am-10:00am (CSS 1109) Lab STAFF
0102 (04340) M.....10:30am-12:30pm (CSS 1109) Lab STAFF
0103 (04341) Th.....10:30am-12:30pm (CSS 1109) Lab STAFF

ASTR111 Observational Astronomy Laboratory; Grade Method: REG/P-F/AUD. *Corequisite: ASTR 100.* CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with ASTR 100. First meeting is in CSS 0201 during the first week of classes. — 1 credit
0101 (04351) Tu..... 7:30pm- 9:30pm (ALB 1101) Lab STAFF
0201 (04352) W..... 7:30pm- 9:30pm (ALB 1101) Lab STAFF

ASTR200 Introductory Astronomy and Astrophysics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. *Prerequisite: PHYS 161 or PHYS 171. Credit will be granted for only one of the following: ASTR 100 or ASTR 200.* — 3 credits
0101 (04362) MWF..... 9:00am- 9:50am (CSS 0201) Earl, J.

ASTR288 (PermReq) Special Projects in Astronomy; Grade Method: REG/P-F. Individual instruction course: contact department or instructor to obtain section number. A faculty sponsor must be found by the students wishing to enroll in this course. — 1-3 credits

ASTR300 Stars and Stellar Systems; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. *Prerequisite: ASTR 100 and completion of University Studies requirement in the natural sciences or permission of department.* Designed primarily for non-physical science majors. Junior standing. — 3 credits
0101 (04391) TuTh.....11:00am-12:15pm (CSS 1113) Matthews, T.

ASTR310 Optical Astronomy Techniques; Grade Method: REG/P-F/AUD. *Prerequisites: PHYS 273 and PHYS 276 or PHYS 263 and PHYS 263A or permission of department. For ASTR majors only.* — 3 credits
0101 (04401) TuTh..... 2:00pm- 3:15pm (CSS 0201) A'Hearn, M.

ASTR330 Solar-System Astronomy; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. *Prerequisite: ASTR 100 and completion of University Studies requirement in the natural science or permission of department.* Designed primarily for non-physical science majors. Junior standing. — 3 credits
0101 (04411) MWF.....10:00am-10:50am (CSS 1113) Matthews, T.

ASTR340 Galaxies and the Universe; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. *Prerequisite: ASTR 100 and completion of University Studies requirement in the natural science or permission of department.* Designed primarily for non-physical science majors. Junior standing. — 3 credits
0101 (04421) TuTh..... 9:30am-10:45am (CSS 1113) Deming, G.
0201 (04422) TuTh..... 2:00pm- 3:15pm (CSS 1113) Deming, G.

ASTR350 Astronomy and Astrophysics; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisites: ASTR 200 and (PHYS 272 or PHYS 262 or PHYS 142) or permission of department. Corequisite: PHYS 293 or PHYS 263.* Recommended for science majors. — 4 credits
0101 (04432) TuTh.....11:00am-12:15pm (CSS 0201) Vogel, S.
W.....10:00am-10:50am (CSS 0201) Dis

ASTR380 Life in the Universe; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. *Prerequisite: ASTR 100 and completion of University Studies requirement in the natural science or permission of department.* Designed primarily for non-science majors. Junior standing. — 3 credits
0101 (04442) TuTh.....12:30pm- 1:45pm (CSS 1113) Theison, D.
0201 (04443) MWF..... 2:00pm- 2:50pm (CSS 1113) Theison, D.

ASTR399 Honors Seminar; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number. — 1-16 credits

ASTR430 The Solar System; Grade Method: REG/P-F/AUD. *Prerequisite: MATH 246 and either PHYS 263 or PHYS 273, or permission of department.* — 3 credits
0101 (04474) WF.....11:00am-12:15pm (CSS 0201) McFadden, L.

ASTR440 Introduction to Extra-Galactic Astronomy; Grade Method: REG/P-F/AUD. *Prerequisite: PHYS 272 and ASTR 350 or equivalent, or permission of department.* — 3 credits
0101 (04484) TuTh..... 9:30am-10:45am (CSS 0201) Trimble, V.

ASTR488 (PermReq) Special Problems in Astronomy; Grade Method: REG/P-F. Individual instruction course: contact department or instructor to obtain section number. This course is open only to those who make prior arrangements with a member of the astronomy faculty. — 1-6 credits

ASTR800 (PermReq) Stellar Atmospheres; Grade Method: REG/AUD. *Prerequisite: ASTR 422 or permission of department.* — 3 credits
0101 (04516) TuTh.....12:30pm- 1:45pm (CSS 0201) Bell, R.

ASTR820 (PermReq) Galaxies; Grade Method: REG/AUD. *Prerequisite: ASTR 400 or permission of department.* — 3 credits
0101 (04526) WF..... 1:00pm- 2:15pm (CSS 0201) Blitz, L.

ASTR888S (PermReq) Special Topics in Modern Astronomy: Topics in Solar and Stellar Physics; Grade Method: REG/AUD. — 2 credits
0101 (04536) Tu..... 3:30pm- 5:30pm (CSS 0201) Kundu, M.

ASTR899 (PermReq) Special Problems in Advanced Astronomy; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. — 1-6 credits

ASTR788 (PermReq) Selected Topics in Modern Astronomy; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. — 1-3 credits

ASTR799 Master's Thesis Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. — 1-6 credits

ASTR899 Doctoral Dissertation Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. — 1-8 credits

BCHM Biochemistry — (Life Sciences)

BCHM361 Origins of Biochemistry; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: any distributive studies course in chemistry or any of the biological sciences.* — 3 credits
0101 (04682) TuTh..... 9:30am-10:50am (CHM 0115) Ponnamperuma, C

BCHM461 Biochemistry I; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 243 or CHEM 245.* — 3 credits
0101 (04692) TuTh..... 9:30am-10:45am (CHM 1407) Dunaway-Mariano
0102 (04693) TuTh..... 9:30am-10:45am (JMZ 0105) Gerlt, J.

BCHM462 Biochemistry II; Grade Method: REG/P-F/AUD. — 3 credits
Prerequisite: BCHM 461.
0101 (04703) TuTh..... 9:30am-10:45am (CHM 1402) Sampugna, J.

BCHM464 Biochemistry Laboratory; Grade Method: REG/P-F/AUD. *Corequisite: BCHM 462.* — 2 credits
0101 (04713) Th..... 1:00pm- 6:00pm (CHM 2225) Lab STAFF
Tu.....12:30pm- 1:20pm (CHM 0128) Dis

BCHM465 Biochemistry III; Grade Method: REG/P-F/AUD. *Prerequisite: BCHM 462.* — 3 credits
0101 (04723) TuTh..... 8:00am- 9:15am (CHM 0119) Hansen, J.

BCHM471 Protein Chemistry and Enzymic Catalysis; Grade Method: REG/AUD. — 3 credits
0101 (04733) TuTh..... 9:30am-10:50am (CHM 2201) Armstrong, R.

BCHM474 Nucleic Acids; Grade Method: REG/AUD. — 3 credits
0101 (04743) TuTh..... 8:00am- 9:15am (CHM 2201) Julin, D.

BCHM888 Special Problems in Biochemistry; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number. Open only to non-thesis M.S. degree candidates. — 1-6 credits

BCHM799 Master's Thesis Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. — 1-6 credits

BCHM888A Seminar: Biochemistry; Grade Method: REG/AUD. — 1 credit
0101 (04845) Tu.....11:00am-11:50am (CHM 0128) Gerlt, J.

BCHM888B Seminar: Bioorganic Chemistry; Grade Method: REG/AUD. — 1 credit
0101 (04855) Time and room to be arranged Armstrong, R.

BCHM888C Seminar: Lipid Metabolism; Grade Method: REG/AUD. — 1 credit
0101 (04865) Time and room to be arranged Sampugna, J.

BCHM888D Seminar: Enzymology Recombination; Grade Method: REG/AUD. — 1 credit
0101 (04875) Time and room to be arranged Julin, D.

BCHM888E Seminar: Catalytic RNA; Grade Method: REG/AUD. — 1 credit
0101 (04885) Time and room to be arranged Woodson, S.

BCHM888F Seminar: Spores; Grade Method: REG/AUD. — 1 credit
0101 (04895) Time and room to be arranged Hansen, J.

BCHM888G Seminar: Enzymology; Grade Method: REG/AUD. — 1 credit
0101 (04905) Time and room to be arranged Dunaway-Mariano

BCHM888J Seminar: Mechanisms of Biochemical Reactions; Grade Method: REG/AUD. — 1 credit
0101 (04915) Time and room to be arranged Gerlt, J.

BCHM899 Doctoral Dissertation Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. — 1-8 credits

BIOL Biology — (Life Sciences)

Note: Additional biology courses may be found under these course headings: BOTN, ENTM, MICB and ZOOL.

BIOL101 Concepts of Biology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Sciences Laboratory Course only when taken concurrently with BIOL 102. USP Distributive Studies Area B Course. If taken with BIOL 102, course may be counted as USP Area B lab science requirement. For non-science majors. — 3 credits
1101 (05020) MWF.....12:00pm-12:50pm (HJP 0226) Motta, J.

BIOL102 Laboratory in Biology; Grade Method: REG/P-F/AUD. *Pre- or corequisite: BIOL 101.* For non-science majors. CORE Distributive Studies Life Sciences Laboratory Course only when taken concurrently with BIOL 101. — 1 credit
2024 (05032) Tu.....11:00am- 1:50pm (ZOP 0213) Lab STAFF
2027 (05033) Tu..... 2:00pm- 4:50pm (ZOP 0213) Lab STAFF
2031 (05034) W..... 9:00am-11:50am (ZOP 0213) Lab STAFF
2039 (05035) W..... 1:00pm- 3:50pm (ZOP 0213) Lab STAFF
2042 (05037) Th.....11:00am- 1:50pm (ZOP 0213) Lab STAFF
2044 (05038) Th..... 2:00pm- 4:50pm (ZOP 0213) Lab STAFF
2051 (05039) F..... 8:00am-10:50am (ZOP 0213) Lab STAFF

BIOL105 Principles of Biology I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *For science majors. Credit will be granted for only one of the following: BIOL 101, BOTN 101, ZOOL 101, BIOL 105.* — 4 credits
5115 (05049) MWF.....10:00am-10:50am (ZOP 1240) Popper, A.
M.....11:00am- 1:50pm (HJP 2104) Lab
5119 (05051) MWF.....10:00am-10:50am (ZOP 1240) Popper, A.
M..... 5:00pm- 7:50pm (HJP 2104) Lab
5121 (05052) MWF.....10:00am-10:50am (ZOP 1240) Popper, A.
Tu..... 8:00am-10:50am (HJP 2104) Lab
5129 (05056) MWF.....10:00am-10:50am (ZOP 1240) Popper, A.
Tu..... 5:00pm- 7:50pm (HJP 2104) Lab
5142 (05061) MWF.....10:00am-10:50am (ZOP 1240) Popper, A.
Th..... 8:00am-10:50am (HJP 2103) Lab
5218 (05067) MWF.....11:00am-11:50am (ZOP 1240) Racusen, R.
M..... 3:00pm- 5:50pm (HJP 2103) Lab
5227 (05069) MWF.....11:00am-11:50am (ZOP 1240) Racusen, R.
Tu..... 2:00pm- 4:50pm (HJP 2104) Lab
5229 (05071) MWF.....11:00am-11:50am (ZOP 1240) Racusen, R.
Tu..... 5:00pm- 7:50pm (HJP 2103) Lab
5231 (05072) MWF.....11:00am-11:50am (ZOP 1240) Racusen, R.
W..... 8:00am-10:50am (HJP 2104) Lab
5234 (05074) MWF.....11:00am-11:50am (ZOP 1240) Racusen, R.
W.....12:00pm- 2:50pm (HJP 2103) Lab
5239 (05076) MWF.....11:00am-11:50am (ZOP 1240) Racusen, R.
W..... 6:00pm- 8:50pm (HJP 2103) Lab
5251 (05079) MWF.....11:00am-11:50am (ZOP 1240) Racusen, R.
F..... 8:00am-10:50am (HJP 2104) Lab
5254 (05082) MWF.....11:00am-11:50am (ZOP 1240) Racusen, R.
F.....12:00pm- 2:50pm (HJP 2103) Lab
5321 (05085) MWF..... 2:00pm- 2:50pm (HJP 0226) Olek, A.
Tu..... 8:00am-10:50am (ZOP 0249) Lab
5331 (05088) MWF..... 2:00pm- 2:50pm (HJP 0226) Olek, A.
W..... 8:00am-10:50am (ZOP 0249) Lab
5341 (05091) MWF..... 2:00pm- 2:50pm (HJP 0226) Olek, A.
Th..... 8:00am-10:50am (ZOP 0249) Lab
5355 (05095) MWF..... 2:00pm- 2:50pm (HJP 0226) Olek, A.
F.....11:00am- 1:50pm (ZOP 0249) Lab

BIOL106 Principles of Biology II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisite: BIOL 105. For science majors.* — 4 credits
6116 (05105) MWF.....11:00am-11:50am (HJP 0226) Fenster, C.
M.....12:00pm- 2:50pm (ZOP 0245) Lab
6119 (05106) MWF.....11:00am-11:50am (HJP 0226) Fenster, C.
M..... 3:00pm- 5:50pm (ZOP 0245) Lab
6121 (05107) MWF.....11:00am-11:50am (HJP 0226) Fenster, C.
Tu..... 8:00am-11:00am (ZOP 0245) Lab
6124 (05108) MWF.....11:00am-11:50am (HJP 0226) Fenster, C.
Tu.....11:00am- 1:50pm (ZOP 0245) Lab
6127 (05109) MWF.....11:00am-11:50am (HJP 0226) Fenster, C.
Tu..... 2:00pm- 4:50pm (ZOP 0245) Lab
6131 (05110) MWF.....11:00am-11:50am (HJP 0226) Fenster, C.
W..... 8:00am-10:50am (ZOP 0245) Lab
6136 (05111) MWF.....11:00am-11:50am (HJP 0226) Fenster, C.
W.....12:00pm- 2:50pm (ZOP 0245) Lab
6139 (05112) MWF.....11:00am-11:50am (HJP 0226) Fenster, C.
W..... 3:00pm- 5:50pm (ZOP 0245) Lab
6141 (05113) MWF.....11:00am-11:50am (HJP 0226) Fenster, C.
Th..... 8:00am-10:50am (ZOP 0245) Lab
6144 (05114) MWF.....11:00am-11:50am (HJP 0226) Fenster, C.
Th.....11:00am- 1:50pm (ZOP 0245) Lab
6147 (05115) MWF.....11:00am-11:50am (HJP 0226) Fenster, C.
Th..... 2:00pm- 4:50pm (ZOP 0245) Lab
6151 (05116) MWF.....11:00am-11:50am (HJP 0226) Fenster, C.
F..... 8:00am-10:50am (ZOP 0245) Lab

BIOL222 Principles of Genetics; Grade Method: REG/P-F/AUD. *Prerequisites: BIOL 105, and CHEM 103. Corequisite: CHEM 113 or CHEM 104. Credit will be granted for only one of the following: ZOOL 213, HORT 274, or ANSC 201.* — 4 credits
8113 (05126) MWF..... 3:00pm- 3:50pm (HJP 0226) Kuenzel, W.
W.....10:00am-11:50am (ZOP 1234) Dis

0114 (05127) MWF..... 4:00pm- 5:50pm (HJP 0226) Kuenzel, W.
M..... 4:00pm- 5:50pm (HJP 2242) Dis
0121 (05128) MWF..... 3:00pm- 3:50pm (HJP 0226) Kuenzel, W.
Tu..... 8:00am- 9:50am (ARM 0118) Dis
0122 (05129) MWF..... 3:00pm- 3:50pm (HJP 0226) Kuenzel, W.
Tu.....10:00am-11:50am (ARM 0118) Dis
0123 (05130) MWF..... 3:00pm- 3:50pm (HJP 0226) Kuenzel, W.
Tu..... 1:00pm- 2:50pm (ARM 0118) Dis
0124 (05131) MWF..... 3:00pm- 3:50pm (HJP 0226) Kuenzel, W.
Tu..... 3:00pm- 4:50pm (ARM 0118) Dis
0133 (05132) MWF..... 3:00pm- 3:50pm (HJP 0226) Kuenzel, W.
W..... 1:00pm- 2:50pm (ARM 0120) Dis
0134 (05133) MWF..... 3:00pm- 3:50pm (HJP 0226) Kuenzel, W.
W..... 4:00pm- 5:50pm (ARM 0118) Dis
0141 (05134) MWF..... 3:00pm- 3:50pm (HJP 0226) Kuenzel, W.
Th..... 8:00am- 9:50am (ARM 0120) Dis
0142 (05135) MWF..... 3:00pm- 3:50pm (HJP 0226) Kuenzel, W.
Th.....10:00am-11:50am (ARM 0118) Dis
0143 (05136) MWF..... 3:00pm- 3:50pm (HJP 0226) Kuenzel, W.
Th..... 1:00pm- 2:50pm (ARM 0118) Dis
0144 (05137) MWF..... 3:00pm- 3:50pm (HJP 0226) Kuenzel, W.
Th..... 3:00pm- 4:50pm (ARM 0118) Dis

BIOL398 (PermReq) **Honors Research Problems in Biology; Grade Method: REG.** Individual instruction course: contact department or instructor to obtain section number. Contact A. Olek (3218 Zoology/Psychology) to obtain section number. **1-3 credits**

BIOL399 (PermReq) **Honors Seminar in Biology; Grade Method: REG.** **1 credit**
0101 (05164) F.....10:00am-10:50am (HJP 1229) Olek, A.

BIOM Biometrics (Agriculture)

BIOM401 **Biostatistics I; Grade Method: REG/P-F/AUD.** *Prerequisite BIOM 301* **4 credits**
0101 (05214) TuTh.....12:30pm- 1:45pm (CSS 2324) Dougless, L.
Tu..... 3:00pm- 5:00pm (ANS 0473) Dis
0102 (05215) TuTh.....12:30pm- 1:45pm (CSS 2324) Dougless, L.
W..... 9:00am-11:00am (ANS 0473) Dis
0103 (05216) TuTh.....12:30pm- 1:45pm (CSS 2324) Dougless, L.
W.....11:00am- 1:00pm (ANS 0473) Dis
0104 (05217) TuTh.....12:30pm- 1:45pm (CSS 2324) Dougless, L.
W..... 1:00pm- 3:00pm (ANS 0473) Dis

BIOM405 **Computer Applications in Biometrics; Grade Method: REG/P-F/AUD.** *Corequisite BIOM 401.* **1 credit**
0101 (05227) M.....12:00pm- 2:00pm (ANS 0473) Lab Dougless, L.

BIOM603 **Biostatistics III; Grade Method: REG/AUD.** *Corequisite BIOM 604 Prerequisite BIOM 602, and BIOM 405 or equivalent* **3 credits**
0101 (05237) TuTh..... 2:00pm- 3:15pm (ANS 0412) Russek-Cohen, E

BIOM604 **Linear Models Computer Laboratory; Grade Method: REG/AUD.** *Corequisite BIOM 603 Prerequisite BIOM 405* **1 credit**
0101 (05247) Th..... 9:00am-11:00am (ANS 0473) Lab STAFF

BIOM688A (PermReq) **Topics in Biometrics: Consulting Experience in Biometrics; Grade Method: REG/AUD.** **1-3 credits**
0101 (05257) Time and room to be arranged Dougless, L.

BIOM688D **Topics in Biometrics: Advanced SAS for Biological Data Analysis; Grade Method: REG/AUD.** Prerequisite: BIOM 602 or AGRO 804. **2 credits**
0101 (05267) MW.....11:00am-11:50am (HJP 1104) Dougless, L.

BMGT Business and Management (Business and Management)

BMGT110 **Introduction to Business and Management; Grade Method: REG/P-F/AUD.** *Not open to BMGT students who have completed 56 or more credit hours All others may take it anytime* **3 credits**
0101 (05517) TuTh..... 3:30pm- 4:45pm (MPA 1212) Nickels, W.

BMGT220 **Principles of Accounting I; Grade Method: REG.** *Sophomore standing* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. **3 credits**
0101 (05527) MW.....11:00am-12:15pm (TYD 0130) Rymer, V.
F..... 8:00am- 8:50am (TYD 1118) Dis
0102 (05528) MW.....11:00am-12:15pm (TYD 0130) Rymer, V.
F..... 9:00am- 9:50am (TYD 1118) Dis
0103 (05529) MW.....11:00am-12:15pm (TYD 0130) Rymer, V.
F.....10:00am-10:50am (TYD 1118) Dis
0104 (05530) MW.....11:00am-12:15pm (TYD 0130) Rymer, V.
F.....11:00am-11:50am (TYD 1118) Dis
0105 (05531) MW.....11:00am-12:15pm (TYD 0130) Rymer, V.
F.....12:00pm-12:50pm (TYD 1118) Dis
0106 (05532) MW.....11:00am-12:15pm (TYD 0130) Rymer, V.
F..... 1:00pm- 1:50pm (TYD 1118) Dis
0107 (05533) MW.....11:00am-12:15pm (TYD 0130) Rymer, V.
F..... 2:00pm- 2:50pm (TYD 1118) Dis
0108 (05534) MW.....11:00am-12:15pm (TYD 0130) Rymer, V.
F..... 2:00pm- 2:50pm (TYD 2109) Dis
0109 (05535) MW.....11:00am-12:15pm (TYD 0130) Rymer, V.
F..... 3:00pm- 3:50pm (TYD 1118) Dis
0110 (05536) MW.....11:00am-12:15pm (TYD 0130) Rymer, V.
F..... 3:00pm- 3:50pm (TYD 2109) Dis
0111 (05537) MW.....11:00am-12:15pm (TYD 0130) Rymer, V.
F..... 4:00pm- 4:50pm (TYD 1118) Dis
0112 (05538) MW.....11:00am-12:15pm (TYD 0130) Rymer, V.
F..... 8:00am- 8:50am (TYD 2109) Dis
0201 (05539) TuTh..... 5:00pm- 6:15pm (TYD 0130) STAFF
F..... 8:00am- 8:50am (TYD 2102) Dis
0202 (05540) TuTh..... 5:00pm- 6:15pm (TYD 0130) STAFF
F..... 9:00am- 9:50am (TYD 2102) Dis
0203 (05541) TuTh..... 5:00pm- 6:15pm (TYD 0130) STAFF
F.....10:00am-10:50am (TYD 2102) Dis
0204 (05542) TuTh..... 5:00pm- 6:15pm (TYD 0130) STAFF
F.....10:00am-10:50am (TYD 2109) Dis
0205 (05543) TuTh..... 5:00pm- 6:15pm (TYD 0130) STAFF
F.....11:00am-11:50am (TYD 2102) Dis
0206 (05544) TuTh..... 5:00pm- 6:15pm (TYD 0130) STAFF
F.....11:00am-11:50am (TYD 2109) Dis
0207 (05545) TuTh..... 5:00pm- 6:15pm (TYD 0130) STAFF
F.....12:00pm-12:50pm (TYD 2102) Dis
0208 (05546) TuTh..... 5:00pm- 6:15pm (TYD 0130) STAFF
F.....12:00pm-12:50pm (TYD 2109) Dis
0209 (05547) TuTh..... 5:00pm- 6:15pm (TYD 0130) STAFF
F..... 1:00pm- 1:50pm (TYD 2102) Dis
0210 (05548) TuTh..... 5:00pm- 6:15pm (TYD 0130) STAFF
F..... 2:00pm- 2:50pm (TYD 2102) Dis
0211 (05549) TuTh..... 5:00pm- 6:15pm (TYD 0130) STAFF
F..... 3:00pm- 3:50pm (TYD 2102) Dis
0212 (05550) TuTh..... 5:00pm- 6:15pm (TYD 0130) STAFF
F..... 4:00pm- 4:50pm (TYD 2102) Dis

BMGT221 **Principles of Accounting II; Grade Method: REG.** *Prerequisite: BMGT 220.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. **3 credits**
0101 (05360) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F..... 8:00am- 8:50am (TYD 2108) Dis
0102 (05361) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F..... 9:00am- 9:50am (TYD 2108) Dis
0103 (05362) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F.....10:00am-10:50am (TYD 2108) Dis
0104 (05363) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F.....11:00am-11:50am (TYD 2108) Dis
0105 (05364) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F.....12:00pm-12:50pm (TYD 2108) Dis
0106 (05365) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F..... 1:00pm- 1:50pm (TYD 2108) Dis
0107 (05366) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F..... 2:00pm- 2:50pm (TYD 2108) Dis
0108 (05367) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F..... 1:00pm- 1:50pm (TYD 2109) Dis
0109 (05368) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F..... 3:00pm- 3:50pm (TYD 2108) Dis
0110 (05369) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F..... 9:00am- 9:50am (TYD 2109) Dis
0111 (05370) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F..... 4:00pm- 4:50pm (TYD 2109) Dis
0112 (05371) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F..... 4:00pm- 4:50pm (TYD 2108) Dis

BMGT230 **Business Statistics; Grade Method: REG.** *Prerequisite: MATH 220. Not open to students who have completed BMGT 231, ENEE 324, or STAT 400. Credit will be granted for only one of the following: AREC 484, BIOM 301, BMGT 230, CNEC 400, ECON 321, EDMS 451, GEOG 305, GVPT 422, PSYC 200, SOCY 201, URSP 350, or TEXT 400.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. Section 0401 places emphasis on resampling statistics which relies on simulation. **3 credits**
0101 (05384) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F..... 8:00am- 8:50am (MPA 1307) Dis
0102 (05385) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F..... 2:00pm- 2:50pm (MPA 1307) Dis
0103 (05386) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F.....10:00am-10:50am (TYD 1108) Dis
0104 (05387) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F.....11:00am-11:50am (TYD 1108) Dis
0105 (05388) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F..... 9:00am- 9:50am (TYD 1108) Dis
0106 (05389) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F.....12:00pm-12:50pm (TYD 1108) Dis
0107 (05390) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F..... 1:00pm- 1:50pm (TYD 1108) Dis
0108 (05391) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F..... 1:00pm- 1:50pm (MPA 1307) Dis
0109 (05392) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F..... 2:00pm- 2:50pm (MPA 1207) Dis
0110 (05393) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F..... 2:00pm- 2:50pm (MPA 1311) Dis
0111 (05394) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F..... 3:00pm- 3:50pm (MPA 1307) Dis
0112 (05395) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F..... 4:00pm- 4:50pm (MPA 1307) Dis
0201 (05396) MW..... 8:00am- 9:15am (MPA 1206) Fromovitz, S.
0301 (05397) TuTh..... 8:00am- 9:15am (MPA 1206) Fromovitz, S.
0401 (05398) TuTh..... 8:00am- 9:15am (MPA 1207) Simon, J.

BMGT231 **Statistical Models For Business; Grade Method: REG.** *Prerequisite MATH 141 or permission of department. For management science and statistics majors. Credit will be granted for only one of the following BMGT 231, ENEE 324, or STAT 400* **3 credits**
0101 (05408) TuTh.....12:30pm- 1:45pm (TYD 2102) Widhelm, W.
F..... 9:00am- 9:50am (MPA 1307) Dis

BMGT301 **Introduction to Management Information Systems; Grade Method: REG.** *Prerequisite BMGT 230 or BMGT 231* This is a restricted course for BMGT majors, 08380, and 0803H with 53 semester hours completed. All others must have authorization. **3 credits**
0101 (05418) MW.....12:30pm- 1:45pm (MPA 1212) Chaires, J.
F..... 8:00am- 8:50am (MPA 1311) Dis
0102 (05419) MW.....12:30pm- 1:45pm (MPA 1212) Chaires, J.
F.....10:00am-10:50am (MPA 1311) Dis
0103 (05420) MW.....12:30pm- 1:45pm (MPA 1212) Chaires, J.
F.....12:00pm-12:50pm (MPA 1311) Dis
0104 (05421) MW.....12:30pm- 1:45pm (MPA 1212) Chaires, J.
F..... 3:00pm- 3:50pm (MPA 1311) Dis
0201 (05422) TuTh..... 9:30am-10:45am (MPA 1212) Spear, R.
F..... 9:00am- 9:50am (MPA 1311) Dis
0202 (05423) TuTh..... 9:30am-10:45am (MPA 1212) Spear, R.
F.....11:00am-11:50am (MPA 1311) Dis
0203 (05424) TuTh..... 9:30am-10:45am (MPA 1212) Spear, R.
F..... 1:00pm- 1:50pm (MPA 1311) Dis
0204 (05425) TuTh..... 9:30am-10:45am (MPA 1212) Spear, R.
F..... 4:00pm- 4:50pm (MPA 1311) Dis

BMGT302 **Programming for Business Information Systems; Grade Method: REG.** *Prerequisite BMGT 301* This is a restricted course for BMGT majors and 08380 majors with 66 semester hours completed. All others must have authorization. **3 credits**
0101 (05435) TuTh..... 8:00am- 9:15am (MPA 1203) Spear, R.

BMGT310 **Intermediate Accounting I; Grade Method: REG.** *Prerequisite BMGT 221* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. This is a restricted course for accounting majors with 53 semester hours completed. All others must have authorization. **3 credits**
0101 (05445) MW..... 8:00am- 9:15am (MPA 1207) STAFF
0201 (05446) MW..... 9:30am-10:45am (MPA 1311) STAFF
0301 (05447) MW..... 2:00pm- 3:15pm (TYD 1108) Wong, T.
0401 (05448) MW..... 5:30pm- 4:45pm (TYD 1108) STAFF
0501 (05449) TuTh..... 9:30am-10:45am (TYD 2109) STAFF
0601 (05450) TuTh.....11:00am-12:15pm (TYD 2109) Amlie, T.

BMGT311 **Intermediate Accounting II; Grade Method: REG.** *Prerequisite BMGT 310* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. This is restricted to accounting majors with 65 semester hours completed. All others must have authorization. **3 credits**
0101 (05460) MW.....12:30pm- 1:45pm (TYD 2102) STAFF
0201 (05461) MW..... 2:00pm- 3:15pm (TYD 2102) STAFF
0301 (05462) MW..... 3:30pm- 4:45pm (TYD 1118) STAFF

BMGT321 **Cost Accounting; Grade Method: REG.** *Prerequisite BMGT 221* This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorization. **3 credits**
0101 (05472) TuTh.....11:00am-12:15pm (MPA 1303) Badingfield, J.
0201 (05473) TuTh.....12:30pm- 1:45pm (MPA 1303) Badingfield, J.
0301 (05474) MW.....12:30pm- 1:45pm (MPA 1303) Loeb, M.
0401 (05475) MW..... 3:30pm- 4:45pm (MPA 1311) Loeb, M.

BMGT323 **Income Tax Accounting; Grade Method: REG.** *Prerequisite BMGT 221* This course is restricted to BMGT majors with 53 semester hours. All others must have authorization. **3 credits**
0101 (05485) TuTh.....12:30pm- 1:45pm (TYD 2109) Pantalone, V.
0201 (05486) TuTh..... 2:00pm- 3:15pm (TYD 2109) Pantalone, V.
0301 (05487) MW..... 3:30pm- 4:45pm (TYD 2102) Pantalone, V.

BMGT326 **Accounting Systems; Grade Method: REG.** *Prerequisites BMGT 301, and BMGT 321* This course is restricted to accounting majors with 74 semester hours completed. All others must have authorization. **3 credits**
0101 (05497) TuTh..... 3:30pm- 4:45pm (MPA 1207) Kandelin, N.

BMGT332 **Operations Research For Management Decisions; Grade Method: REG.** *Prerequisite BMGT 230.* Not for management science-statistics majors. This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorization. **3 credits**
0101 (05507) MW.....11:00am-12:15pm (TYD 1118) STAFF
0201 (05508) MW.....12:30pm- 1:45pm (TYD 1118) Fu, M.
0301 (05509) TuTh.....11:00am-12:15pm (MPA 1311) Widhelm, W.
0401 (05510) TuTh..... 2:00pm- 3:15pm (TYD 1140) Kaku, B.

BMGT340 **Business Finance; Grade Method: REG.** *Prerequisites: BMGT 221; and BMGT 230 or BMGT 231* This course is restricted to BMGT majors with 53 semester hours and major code 0111C. All others must have authorization. **3 credits**
0101 (05520) MW..... 2:00pm- 3:15pm (MPA 1212) Draper, F.
F..... 8:00am- 8:50am (MPA 1202) Dis
0102 (05521) MW..... 2:00pm- 3:15pm (MPA 1212) Draper, F.
F..... 9:00am- 9:50am (MPA 1202) Dis
0103 (05522) MW..... 2:00pm- 3:15pm (MPA 1212) Draper, F.
F.....10:00am-10:50am (MPA 1202) Dis
0104 (05523) MW..... 2:00pm- 3:15pm (MPA 1212) Draper, F.
F.....11:00am-11:50am (MPA 1202) Dis
0105 (05524) MW..... 2:00pm- 3:15pm (MPA 1212) Draper, F.
F.....12:00pm-12:50pm (MPA 1202) Dis
0106 (05525) MW..... 2:00pm- 3:15pm (MPA 1212) Draper, F.
F..... 3:00pm- 3:50pm (MPA 1202) Dis
0201 (05526) MW..... 3:30pm- 4:45pm (MPA 1212) Draper, F.
F..... 8:00am- 8:50am (MPA 1203) Dis
0202 (05527) MW..... 3:30pm- 4:45pm (MPA 1212) Draper, F.
F..... 9:00am- 9:50am (MPA 1203) Dis
0203 (05528) MW..... 3:30pm- 4:45pm (MPA 1212) Draper, F.
F.....10:00am-10:50am (MPA 1203) Dis
0204 (05529) MW..... 3:30pm- 4:45pm (MPA 1212) Draper, F.
F.....11:00am-11:50am (MPA 1203) Dis
0205 (05530) MW..... 3:30pm- 4:45pm (MPA 1212) Draper, F.
F.....12:00pm-12:50pm (MPA 1203) Dis
0206 (05531) MW..... 3:30pm- 4:45pm (MPA 1212) Draper, F.
F..... 3:00pm- 3:50pm (MPA 1203) Dis

BMGT343 **Investments; Grade Method: REG.** *Prerequisite: BMGT 340* This course is restricted to finance majors with 68 semester hours completed. All others must have authorization. **3 credits**
0101 (05541) MW..... 9:30am-10:45am (TYD 1118) STAFF
0201 (05542) MW.....11:00am-12:15pm (TYD 1108) Madan, D.
0301 (05543) MW.....12:30pm- 1:45pm (TYD 1108) Madan, D.

BMGT350 **Marketing Principles and Organization; Grade Method: REG.** *Prerequisite ECON 203, or ECON 205* This course is restricted to marketing majors with 53 semester hours completed. Other BMGT majors and students with major codes 0803C, 08380, 1303A, 1303B, 1303C, 1303E, 1304A, 0601A, 0601F, 0602A, 8602F, or 0111C must have 70 semester hours completed. All others must have authorization. **3 credits**
0101 (05553) TuTh.....11:00am-12:15pm (MPA 1212) Nickels, W.
F..... 8:00am- 8:50am (MPA 1206) Dis
0102 (05554) TuTh.....11:00am-12:15pm (MPA 1212) Nickels, W.
F..... 9:00am- 9:50am (MPA 1206) Dis
0103 (05555) TuTh.....11:00am-12:15pm (MPA 1212) Nickels, W.
F.....10:00am-10:50am (MPA 1206) Dis
0104 (05556) TuTh.....11:00am-12:15pm (MPA 1212) Nickels, W.
F.....11:00am-11:50am (MPA 1206) Dis
0105 (05557) TuTh.....11:00am-12:15pm (MPA 1212) Nickels, W.
F.....12:00pm-12:50pm (MPA 1206) Dis
0106 (05558) TuTh.....11:00am-12:15pm (MPA 1212) Nickels, W.
F..... 1:00pm- 1:50pm (MPA 1206) Dis
0201 (05559) TuTh.....12:30pm- 1:45pm (MPA 1212) Nickels, W.
F..... 8:00am- 8:50am (MPA 1207) Dis
0202 (05560) TuTh.....12:30pm- 1:45pm (MPA 1212) Nickels, W.
F..... 9:00am- 9:50am (MPA 1207) Dis
0203 (05561) TuTh.....12:30pm- 1:45pm (MPA 1212) Nickels, W.
F.....10:00am-10:50am (MPA 1207) Dis
0204 (05562) TuTh.....12:30pm- 1:45pm (MPA 1212) Nickels, W.
F..... 2:00pm- 2:50pm (MPA 1203) Dis
0205 (05563) TuTh.....12:30pm- 1:45pm (MPA 1212) Nickels, W.
F..... 1:00pm- 1:50pm (MPA 1203) Dis
0206 (05564) TuTh.....12:30pm- 1:45pm (MPA 1212) Nickels, W.
F..... 4:00pm- 4:50pm (MPA 1203) Dis

BMGT353 **Retail Management; Grade Method: REG.** *Prerequisites BMGT 220; and BMGT 350.* This course is restricted to BMGT majors and students with major code 0803C, with 68 semester hours completed. All others must have authorization. **3 credits**
0101 (05574) TuTh..... 9:30am-10:45am (MPA 1311) Wagner, J.

BMGT354 **Promotion Management; Grade Method: REG.** *Prerequisite. BMGT 350* This course is restricted to BMGT majors and students with major codes 0803C, 0601A, 0601F, 0602A, 0602F, 1303B, 1303C, 1304A with 60 hours. All others must have authorization. **3 credits**
0101 (05584) MW..... 8:00am- 9:15am (MPA 1203) Welicker, E.
0201 (05585) TuTh..... 9:30am-10:45am (TYD 1118) Smith, A.
0301 (05586) TuTh.....11:00am-12:15pm (TYD 1108) STAFF

BMGT360 **Human Resource Management; Grade Method: REG.** This course is open to all students with 53 semester hours completed. **3 credits**
0101 (05596) TuTh..... 8:00am- 9:15am (MPA 1212) Kovach, K.
F..... 8:00am- 8:50am (MPA 1314) Dis
0102 (05597) TuTh..... 8:00am- 9:15am (MPA 1212) Kovach, K.
F..... 9:00am- 9:50am (MPA 1314) Dis
0103 (05598) TuTh..... 8:00am- 9:15am (MPA 1212) Kovach, K.
F.....10:00am-10:50am (MPA 1314) Dis
0104 (05599) TuTh..... 8:00am- 9:15am (MPA 1212) Kovach, K.
F.....11:00am-11:50am (MPA 1314) Dis
0105 (05600) TuTh..... 8:00am- 9:15am (MPA 1212) Kovach, K.
F.....12:00pm-12:50pm (MPA 1314) Dis
0106 (05601) TuTh..... 8:00am- 9:15am (MPA 1212) Kovach, K.
F..... 1:00pm- 1:50pm (MPA 1314) Dis

BMGT362 **Labor Relations; Grade Method: REG.** This course is restricted to BMGT majors and students with major codes 0839A, 1307A, and 1307B with 60 semester hours completed. All others must have authorization. **3 credits**
0101 (05611) TuTh..... 9:30am-10:45am (MPA 1203) Levine, M.

BMGT364 **Management and Organization Theory; Grade Method: REG.** This course is restricted to BMGT majors and students with major codes 1303A, 1303B, 1303C, 1303E, 0111C, and with 53 semester hours completed. All others must have authorization. **3 credits**
0101 (05621) MW..... 9:30am-10:45am (MPA 1212) Carroll, S.
F..... 8:00am- 8:50am (MPA 1303) Dis
0102 (05622) MW..... 9:30am-10:45am (MPA 1212) Carroll, S.
F..... 9:00am- 9:50am (MPA 1303) Dis
0103 (05623) MW..... 9:30am-10:45am (MPA 1212) Carroll, S.
F.....10:00am-10:50am (MPA 1303) Dis
0104 (05624) MW..... 9:30am-10:45am (MPA 1212) Carroll, S.
F.....11:00am-11:50am (MPA 1207) Dis
0105 (05625) MW..... 9:30am-10:45am (MPA 1212) Carroll, S.
F.....12:00pm-12:50pm (MPA 1207) Dis
0106 (05626) MW..... 9:30am-10:45am (MPA 1212) Carroll, S.
F..... 1:00pm- 1:50pm (MPA 1207) Dis
0201 (05627) MW.....11:00am-12:15pm (MPA 1212) Carroll, S.
F.....11:00am-11:50am (MPA 1303) Dis
0202 (05628) MW.....11:00am-12:15pm (MPA 1212) Carroll, S.
F.....12:00pm-12:50pm (MPA 1303) Dis
0203 (05629) MW.....11:00am-12:15pm (MPA 1212) Carroll, S.
F..... 1:00pm- 1:50pm (MPA 1303) Dis
0204 (05630) MW.....11:00am-12:15pm (MPA 1212) Carroll, S.
F..... 2:00pm- 2:50pm (MPA 1303) Dis
0205 (05631) MW.....11:00am-12:15pm (MPA 1212) Carroll, S.
F..... 3:00pm- 3:50pm (MPA 1303) Dis
0206 (05632) MW.....11:00am-12:15pm (MPA 1212) Carroll, S.
F..... 4:00pm- 4:50pm (MPA 1303) Dis

BMGT370 **Principles of Transportation; Grade Method: REG.** *Prerequisite ECON 203, or ECON 205* This course is open to all students with 53 semester hours completed. **3 credits**
0101 (05642) MW..... 9:30am-10:45am (MPA 1203) Grimm, C.
0201 (05643) MW.....11:00am-12:15pm (MPA 1311) Grimm, C.
0301 (05644) TuTh..... 2:00pm- 3:15pm (TYD 0117) Hardison, A.

BMGT372 **Traffic and Physical Distribution Management; Grade Method: REG.** Open to BMGT majors with 53 semester hours completed.All others must have authorization. **3 credits**
0101 (05654) TuTh.....11:00am-12:15pm (TYD 2102) STAFF
0201 (05655) TuTh..... 2:00pm- 3:15pm (TYD 1108) STAFF
0301 (05656) MW.....11:00am-12:15pm (TYD 2102) Emerson, C.

BMGT380 **Business Law I; Grade Method: REG.** This course is restricted to BMGT majors and students with major codes 0803C, 0803H, 0111C and 08380 with 53 semester hours completed. All others must have authorization. **3 credits**
0101 (05666) MW..... 8:00am- 9:15am (MPA 1212) Millien, P.
0201 (05667) TuTh..... 3:30pm- 4:45pm (MPA 1311) Leete, B.
0301 (05668) MW..... 9:30am-10:45am (TYD 2109) Ostes, D.
0401 (05669) MW.....11:00am-12:15pm (TYD 2109) Ostes, D.

BMGT381 **Business Law II; Grade Method: REG.** *Prerequisite: BMGT 380 or permission of department* This course is restricted to BMGT majors with 68 semester hours completed. All others must have authorization. **3 credits**
0101 (05679) TuTh..... 2:00pm- 3:15pm (MPA 1212) Leete, B.

BMGT385 **Production Management; Grade Method: REG.** This course is restricted to BMGT majors and major code 0839A with 53 semester hours completed. All others must have authorization. **3 credits**
0101 (05689) MW..... 2:00pm- 3:15pm (MPA 1207) Assad, A.
F.....10:00am-10:50am (MPA 1307) Dis

BMGT392 **Introduction to International Business Management; Grade Method: REG.** *Prerequisite: ECON 203; or ECON 205.* This course is restricted to business majors and major codes 11020, 11030, 11050, and 11060 with 53 semester hours completed. All others must have an authorization. **3 credits**

0101 (05699) TuTh.....12:30pm- 1:45pm (MPA 1203) Ferrier, W.
0201 (05700) MW.....12:30pm- 1:45pm (MPA 1203) Scherega, C.

BMGT398 (PermReq) **Individual Study in Business and Management; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number.** 1-3 credits

BMGT398I (PermReq) **Individual Study in Business and Management: International Business; Grade Method: REG/P-F.** 1 credit
0101 (05817) Time and room to be arranged Preston, L.

BMGT402 Database Systems; Grade Method: REG. 3 credits
Prerequisite: BMGT 302. This course is restricted to BMGT majors with 72 semester hours. All others must have authorization. This course offered in fall semester only.

0101 (05849) TuTh.....11:00am-12:15pm (TYD 2108) STAFF

BMGT403 Systems Analysis and Design; Grade Method: REG. 3 credits
Prerequisite: BMGT 302. Restricted to BMGT majors with 72 semester hours completed. This course offered in fall semester only.

0101 (05859) TuTh..... 9:30am-10:45am (MPA 1307) Vagoun, T.

BMGT411 Ethics and Professionalism in Accounting; Grade Method: REG. 3 credits
Prerequisite: BMGT 311, for accounting majors only. Senior standing. This course is restricted to accounting majors with 84 semester hours completed. All others must have authorization.
0101 (05869) MW..... 3:30pm- 4:45pm (MPA 1314) Loeb, S.

BMGT417 Advanced Tax Accounting; Grade Method: REG. 3 credits
Prerequisites: BMGT 311, and BMGT 323. This course is restricted to accounting majors with 84 semester hours completed. All others must have authorization.
0101 (05879) TuTh..... 2:00pm- 3:15pm (TYD 2108) LeClere, M.
0201 (05880) TuTh..... 3:30pm- 4:45pm (TYD 2108) LeClere, M.

BMGT422 Auditing Theory and Practice; Grade Method: REG. 3 credits
Prerequisite: BMGT 311. This is a restricted course for accounting majors. All other majors must have authorization. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam.
0101 (05890) MW..... 9:30am-10:45am (MPA 1303) STAFF
0201 (05891) MW.....11:00am-12:15pm (MPA 1303) STAFF
0301 (05892) TuTh..... 2:00pm- 3:15pm (TYD 2102) Webb, N.

BMGT424 Advanced Accounting; Grade Method: REG. 3 credits
Prerequisite: BMGT 311. This is a restricted course for accounting majors. All other majors must have authorization. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam.
0101 (05902) MW..... 2:00pm- 3:15pm (TYD 2109) Rymer, V.
0201 (05903) MW..... 3:30pm- 4:45pm (TYD 2109) Rymer, V.

BMGT430 Linear Statistical Models in Business; Grade Method: REG. 3 credits
Prerequisite: BMGT 230 or BMGT 231 or permission of department. This course is restricted to BMGT majors with 84 semester hours completed. All others must have authorization.
0101 (05913) MW.....12:30pm- 1:45pm (MPA 1207) Kotz, S.
F.....11:00am-11:50am (MPA 1307) Dis

BMGT434 Introduction to Optimization Theory; Grade Method: REG. 3 credits
Prerequisite: MATH 220, or permission of department. This course is restricted to BMGT majors with 72 semester hours. All others must have authorization. This course offered in fall semester only.

0101 (05923) MW..... 3:30pm- 4:45pm (MPA 1307) Bodin, L.
F.....12:00pm-12:50pm (MPA 1307) Dis

BMGT440 Financial Management; Grade Method: REG. 3 credits
Prerequisite: BMGT 340. This course is restricted to BMGT majors with 84 semester hours. All others must have authorization.

0101 (05933) MW..... 2:00pm- 3:15pm (MPA 1307) Pichler, P.
0201 (05934) MW.....12:30pm- 1:45pm (MPA 1307) Pichler, P.
0301 (05935) TuTh..... 3:30pm- 4:45pm (TYD 2102) STAFF

BMGT443 Security Analysis and Valuation; Grade Method: REG/P-F/AUD. 3 credits
Prerequisite: BMGT 343.
0101 (05945) TuTh..... 2:00pm- 3:15pm (MPA 1203) Haslem, J.
0201 (05946) TuTh..... 3:30pm- 4:45pm (MPA 1203) Haslem, J.

BMGT444 Futures Contracts and Options; Grade Method: REG. 3 credits
Prerequisite: BMGT 343. This course is restricted to finance majors with 84 semester hours completed. All others must have authorization.
0101 (05956) MW..... 2:00pm- 3:15pm (MPA 1314) Chang, E.

BMGT445 Commercial Bank Management; Grade Method: REG. 3 credits
Prerequisites: BMGT 340, and ECON 430. This course is restricted to finance majors with 84 hours completed. All others must have authorization.

0101 (05966) TuTh.....11:00am-12:15pm (TYD 0117) STAFF

BMGT448 International Finance; Grade Method: REG. 3 credits
Prerequisite: BMGT 340. This course is restricted to finance majors and general business with 72 hours completed. All others must have authorization.
0101 (05976) TuTh..... 2:00pm- 3:15pm (MPA 1202) Eun, C.
0201 (05977) TuTh..... 3:30pm- 4:45pm (MPA 1202) Chen, S.

BMGT451 Consumer Analysis; Grade Method: REG. 3 credits
Prerequisite: BMGT 350 Recommended: PSYC 100, and PSYC 221. Not open to students who have completed CNEC 437. Credit will be granted for only one of the following: BMGT 451 or CNEC 437. This course is restricted to BMGT majors and students with major codes 0601A, 0601F, 0602F and 0602A with 68 hours completed. All others must have authorization.

0101 (05987) TuTh.....11:00am-12:15pm (TYD 1118) Whitney, D.
0201 (05988) MW.....12:30pm- 1:45pm (TYD 2109) Schuhwerk, M.
0301 (05989) MW..... 2:00pm- 3:15pm (TYD 2108) Schuhwerk, M.

BMGT452 Marketing Research Methods; Grade Method: REG. 3 credits
Prerequisites: BMGT 230, and BMGT 451 Formerly BMGT 450. This course restricted to marketing majors with 72 semester hours completed. All others must have authorization.
0101 (06010) TuTh.....11:00am-12:15pm (MPA 1307) Ali, A.
0201 (06011) MW.....12:30pm- 1:45pm (MPA 1311) Seshadri, S.
0301 (06012) MW..... 2:00pm- 3:15pm (MPA 1311) Seshadri, S.

BMGT453 Industrial Marketing; Grade Method: REG. 3 credits
Prerequisites: BMGT 350 plus one other marketing course. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization.
0101 (06022) MW..... 9:30am-10:45am (TYD 2102) Zaleski, D.

BMGT454 International Marketing; Grade Method: REG. 3 credits
Prerequisites: BMGT 350 plus one other marketing course. This course is restricted to BMGT majors with 72 semester hours completed.
0101 (06034) TuTh..... 9:30am-10:45am (MPA 1207) Greer, T.
0201 (06035) TuTh.....11:00am-12:15pm (MPA 1207) Greer, T.

BMGT455 Sales Management; Grade Method: REG. 3 credits
Prerequisite: BMGT 350.
0101 (06056) TuTh..... 2:00pm- 3:15pm (MPA 1303) Jolson, M.

BMGT458 Advertising; Grade Method: REG. 3 credits
Prerequisite: BMGT 350. This course is restricted to BMGT majors and students with major codes 1303A, 1303B, 1303C, 1303E, and 1304A with 60 semester hours completed. All others must have authorization.

0101 (06066) MW.....12:30pm- 1:45pm (MPA 1202) STAFF
0201 (06067) MW.....11:00am-12:15pm (MPA 1206) STAFF

BMGT457 Marketing Policies and Strategies; Grade Method: REG. 3 credits
Prerequisite: BMGT 452. This course is restricted to marketing majors with 100 semester hours completed. All others must have authorization.
0101 (06077) MW..... 9:30am-10:45am (MPA 1307) Lefkoff, R.
0201 (06078) MW.....11:00am-12:15pm (MPA 1307) Lefkoff, R.

BMGT460 Human Resource Management: Analysis and Problems; Grade Method: REG. 3 credits
Prerequisite: BMGT 360. Recommended: BMGT 230. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization. This course offered in fall semester only.

0101 (06088) MW..... 3:30pm- 4:45pm (TYD 2108) STAFF

BMGT462 Labor Legislation; Grade Method: REG. 3 credits
This course is restricted to BMGT majors with 72 credit hours completed. All others must have authorization. This course offered in fall semester only.

0101 (06098) TuTh.....12:30pm- 1:45pm (MPA 1307) Levine, M.

BMGT470 Carrier Management; Grade Method: REG. 3 credits
Prerequisites: BMGT 370, and BMGT 372. This course is open to all students with 72 semester hours completed.
0101 (06108) TuTh..... 9:30am-10:45am (MPA 1206) Taff, C.

BMGT473 Advanced Transportation Problems; Grade Method: REG. 3 credits
Prerequisite: BMGT 370. This course is open to all students with 72 semester hours completed.
0101 (06118) MW.....11:00am-12:15pm (MPA 1407) Gardner, L.

BMGT476 Applied Computer Models in Transportation and Logistics; Grade Method: REG. 3 credits
Prerequisites: BMGT 301 and BMGT 370 and BMGT 372. Open to transportation majors. All others must have authorization.
0101 (06128) MW..... 8:00am- 9:15am (MPA 1202) Feitler, J.

BMGT477 International Transportation and Logistics; Grade Method: REG. 3 credits
Prerequisites: BMGT 370, and BMGT 372. This course restricted to BMGT majors only. All others must have authorization.

0101 (06138) MW..... 9:30am-10:45am (MPA 1206) Flicop, S.
0201 (06139) MW..... 2:00pm- 3:15pm (TYD 1118) Needham, P.

BMGT480L (PermReq) **Legal Environment of Business; Grade Method: REG/P-F/AUD.** *Junior standing.* By permission of the Arts and Humanities Dean's Office only. 3 credits
0101 (06149) Tu..... 6:30pm- 9:00pm (KEY 1117) Pletkin, R.

BMGT482 Business and Government; Grade Method: REG. 3 credits
Prerequisite: ECON 203, or ECON 205. This is a restricted course. Non-BMGT majors must have authorization.

0101 (06159) TuTh..... 3:30pm- 4:45pm (TYD 1118) McLaughlin, F.

BMGT485 Business Policies; Grade Method: REG. 3 credits
Prerequisites: BMGT 340, and BMGT 350, and BMGT 364. Open only to graduating seniors in Business and Management. This is a restricted course for BMGT majors with 100 hours completed. All others must have authorization.

0101 (06180) MW..... 8:00am- 9:15am (MPA 1314) STAFF
0201 (06181) MW..... 9:30am-10:45am (MPA 1314) STAFF
0301 (06182) MW.....11:00am-12:15pm (MPA 1314) STAFF
0401 (06183) MW.....12:30pm- 1:45pm (MPA 1314) STAFF
0501 (06184) TuTh..... 9:30am-10:45am (MPA 1314) STAFF
0601 (06185) TuTh.....11:00am-12:15pm (MPA 1314) STAFF
0701 (06186) TuTh.....12:30pm- 1:45pm (MPA 1314) STAFF
0801 (06187) TuTh..... 2:00pm- 3:15pm (MPA 1314) STAFF

BMGT485A Business Policies; Grade Method: REG. 3 credits
Prerequisites: BMGT 340, and BMGT 350, and BMGT 364. This is a restricted course for BMGT majors with 96 hours completed. All others must have authorization form. BMGT 495A is designed to provide the study of policy decision making in a small business environment. The course involves case studies of actual management problems provided by the Small Business Administration. Members of the class, in teams, investigate and recommend solutions for real world problems to the owner/manager of the firm.
0101 (06197) Tu..... 4:00pm- 6:40pm (MPA 1314) STAFF

BMGT488L (PermReq) **Special Topics in Business and Management: Accounting, Budgeting, and Planning; Grade Method: REG.** By permission of the Arts and Humanities Dean's office only. 3 credits
0101 (06207) TuTh.....11:00am-12:15pm (HZF 1101) Suryasekar, K.

BMGT488X (PermReq) **Special Topics in Business and Management: Analytical Problem Solving; Grade Method: REG.** By permission of the Arts and Humanities Dean's office only. 3 credits
0101 (06217) Th..... 2:00pm- 4:45pm (JMZ 2123) Napolitano, C.

BMGT610 (PermReq) **Financial Accounting; Grade Method: REG/AUD.** Majors only until the first day of classes. 3 credits
0101 (06238) TuTh..... 9:30am-10:45am (MPA 1202) Thompson, R.
0201 (06239) TuTh.....11:00am-12:15pm (MPA 1202) Jang, H.
0301 (06240) TuTh.....12:30pm- 1:45pm (MPA 1202) Thompson, R.
0401 (06241) Tu..... 7:00pm- 9:40pm (MPA 1202) Jang, H.
0501 (06242) W..... 7:00pm- 9:40pm (MPA 1202) Gandhi, N.

BMGT620 (PermReq) **Management Information Systems; Grade Method: REG/AUD.** Majors only until the first day of classes. 3 credits
0101 (06252) M.....11:00am- 1:40pm (Arranged) Alavi, M.
0201 (06253) M..... 5:30pm- 6:10pm (EGR 3140) Alavi, M.
0301 (06254) Th..... 6:00pm- 8:40pm (MPA 1202) Barber, R.

BMGT630 (PermReq) **Managerial Statistics I; Grade Method: REG/AUD.** Majors only until the first day of classes. 3 credits
0101 (06264) TuTh.....12:30pm- 1:45pm (MPA 1311) Alt, F.
0201 (06265) TuTh..... 2:00pm- 3:15pm (MPA 1311) Grimshaw, S.
0301 (06266) TuTh..... 5:30pm- 4:45pm (MPA 1303) Grimshaw, S.

BMGT631 (PermReq) **Operations Research and Management; Grade Method: REG/AUD.** *Prerequisite: BMGT 630.* Majors only until the first day of classes. 3 credits
0101 (06277) M..... 7:00pm- 9:40pm (MPA 1206) Gass, S.
0201 (06278) Th..... 7:00pm- 9:40pm (MPA 1206) Kaku, B.

BMGT640 (PermReq) **Financial Management; Grade Method: REG/AUD.** *Prerequisites: BMGT 610; and BMGT 630.* Majors only until the first day of classes. 3 credits
0101 (06290) M..... 7:00pm- 9:40pm (MPA 1202) MaKsimovic, V.
0201 (06291) W..... 7:00pm- 9:40pm (MPA 1203) MaKsimovic, V.

BMGT650 (PermReq) **Marketing Management; Grade Method: REG/AUD.** Majors only until the first day of classes. 3 credits
0101 (06301) M..... 7:00pm- 9:40pm (MPA 1207) Sengupta, S.
0201 (06302) Tu..... 7:00pm- 9:40pm (MPA 1203) Biehal, G.
0301 (06303) Th..... 7:00pm- 9:40pm (MPA 1203) Sengupta, S.

BMGT660 (PermReq) **Management and Organizational Behavior; Grade Method: REG/AUD.** Majors only until the first day of classes. 3 credits
0101 (06315) MW..... 2:00pm- 3:30pm (MPA 1202) Gannon, M.
0201 (06316) M..... 9:30am-12:10pm (MPA 1207) Sims, H.
0301 (06317) W..... 9:30am-12:10pm (MPA 1207) Sims, H.

BMGT661 (PermReq) **Human Resource Management; Grade Method: REG/AUD.** Majors only until the first day of classes. 3 credits
0101 (06327) MW..... 9:30am-10:45am (MPA 1202) Taylor, M.
0201 (06328) MW..... 3:30pm- 4:45pm (MPA 1202) Stevens, C.

BMGT670 (PermReq) **Economic Environment; Grade Method: REG/AUD.** Majors only until the first day of classes. 3 credits
0101 (06338) TuTh..... 9:30am-10:45am (MPA 1303) Windle, R.
0201 (06339) MW..... 2:00pm- 3:15pm (MPA 1303) Scott, R.
0301 (06340) MW..... 3:30pm- 4:45pm (MPA 1303) Scott, R.

BMGT672 (PermReq) **Physical Distribution Management; Grade Method: REG/AUD.** Majors only until the first day of classes. 3 credits
0101 (06350) MW.....11:00am-12:15pm (MPA 1202) Dresner, M.
0201 (06351) MW..... 2:00pm- 3:15pm (MPA 1203) Dresner, M.

BMGT680 (PermReq) **Business and Public Policy; Grade Method: REG/AUD.** *Prerequisite: BMGT 670.* Majors only until the first day of classes. 3 credits
0101 (06361) TuTh.....12:30pm- 1:45pm (MPA 1207) Stockdale, D.
0201 (06362) TuTh..... 2:00pm- 3:15pm (MPA 1207) Stockdale, D.
0301 (06363) MW..... 3:30pm- 4:45pm (MPA 1207) STAFF

BMGT690 (PermReq) **Strategic Management; Grade Method: REG/AUD.** *Prerequisites: permission of department, and completion of all other MBA core courses before registering for this course.* Majors only until the first day of classes. 3 credits
0101 (06374) M..... 7:00pm- 9:40pm (MPA 1203) Schomburg, A.
0201 (06375) Tu..... 7:00pm- 9:40pm (MPA 1206) Welly, S.
0301 (06376) Th..... 7:00pm- 9:40pm (MPA 1207) STAFF

BMGT710 (PermReq) **Advanced Accounting Theory; Grade Method: REG/AUD.** *Prerequisite: BMGT 610.* Majors only until the first day of classes. 3 credits
0101 (06386) M..... 7:00pm- 9:40pm (MPA 4439) STAFF

BMGT711 (PermReq) **Advanced Managerial Accounting; Grade Method: REG/AUD.** *Prerequisites: permission of department, and completion of all first year MBA courses before registering for this course.* Majors only until the first day of classes. 3 credits
0101 (06396) Tu..... 7:00pm- 9:40pm (MPA 1314) Gordon, L.

BMGT713 (PermReq) **The Impact of Taxation On Business Decisions; Grade Method: REG/AUD.** *Prerequisite: BMGT 611.* Majors only until the first day of classes. 3 credits
0101 (06406) W..... 7:00pm- 9:40pm (MPA 1311) Pantalone, V.

BMGT721 (PermReq) **File Processing and Database Systems; Grade Method: REG/AUD.** *Prerequisite: permission of department.* Majors only until the first day of classes. 3 credits
0101 (06416) Th..... 7:00pm- 9:40pm (MPA 1314) Yao, S.

BMGT724 (PermReq) **Economics of Information Systems; Grade Method: REG/AUD.** *Prerequisite: BMGT 620; or BMGT 721.* Majors only until the first day of classes. 3 credits
0101 (06426) Tu..... 7:00pm- 9:40pm (MPA 1207) Hines, V.

BMGT725 (PermReq) **Information Systems Analysis and Design; Grade Method: REG/AUD.** *Prerequisite: BMGT 620, or BMGT 721.* Majors only until the first day of classes. 3 credits
0101 (06436) M..... 7:00pm- 9:40pm (MPA 1307) Hevner, A.

BMGT740 (PermReq) **New Venture Financing; Grade Method: REG/AUD.** *Prerequisite: BMGT 640 or permission of department.* Majors only until the first day of classes. 3 credits
0101 (06446) W..... 7:00pm- 9:40pm (MPA 1307) Alterowitz, R.

BMGT741 (PermReq) **Advanced Financial Management; Grade Method: REG/AUD.** *Prerequisite: BMGT 640.* Majors only until the first day of classes. 3 credits
0101 (06456) M..... 5:30pm- 6:20pm (MPA 1407) Senbet, L.

BMGT742 (PermReq) **Financial Planning and Strategy; Grade Method: REG/AUD.** *Prerequisite: BMGT 640.* Majors only until the first day of classes. 3 credits
0101 (06466) MW.....11:00am-12:15pm (MPA 1203) Kolodny, R.
0201 (06467) M..... 6:30pm- 9:10pm (MPA 1311) Kolodny, R.

BMGT743 (PermReq) **Investment Management; Grade Method: REG/AUD.** *Prerequisite: BMGT 640.* Majors only until the first day of classes. 3 credits
0101 (06477) Th..... 7:00pm- 9:40pm (MPA 1311) Chen, S.

BMGT745 (PermReq) **Financial Institutions Management; Grade Method: REG/AUD.** *Prerequisite: BMGT 640.* Majors only until the first day of classes. 3 credits
0101 (06487) TuTh..... 2:00pm- 3:15pm (MPA 1307) Unal, H.

BMGT746 (PermReq) **International Financial Management; Grade Method: REG/AUD.** *Prerequisite: BMGT 640.* Majors only until the first day of classes. 3 credits
0101 (06497) TuTh..... 3:30pm- 4:45pm (MPA 1307) Eun, C.

BMGT754 (PermReq) **Buyer Behavior Analysis; Grade Method: REG/AUD.** *Prerequisite: BMGT 650.* Majors only until the first day of classes. 3 credits
0101 (06507) Tu..... 7:00pm- 9:40pm (MPA 1307) Wagner, J.

BMGT756 (PermReq) **Business-to-Business Marketing; Grade Method: REG/AUD.** *Prerequisite: BMGT 650.* Majors only until the first day of classes. 3 credits
0101 (06517) Th..... 7:00pm- 9:40pm (MPA 1307) Krapfel, R.

BMGT765 (PermReq) **Organizational Behavior: A Multicultural Perspective; Grade Method: REG/AUD.** *Prerequisite: BMGT 660.* Majors only until the first day of classes. 3 credits
0101 (06527) W..... 7:00pm- 9:40pm (MPA 1407) Gannon, M.

BMGT770 (PermReq) **Transportation Theory and Analysis; Grade Method: REG/AUD.** *Prerequisite: BMGT 672.* Majors only until the first day of classes. 3 credits
0101 (06537) W..... 7:00pm- 9:40pm (MPA 3441) Corsi, T.

BMGT776 Management of High Technology, Research and Development; Grade Method: REG/AUD. Majors only until the first day of classes. 3 credits
0101 (06547) M..... 6:30pm- 9:10pm (MPA 1314) Scherega, C.

BMGT781 (PermReq) **The Entrepreneur and the Entrepreneurial Team; Grade Method: REG.** *Prerequisite: completion of MBA core requirements or permission of department.* Majors only until the first day of classes. 3 credits
0101 (06557) W..... 7:00pm- 9:40pm (MPA 1303) Baum, J.

BMGT781 (PermReq) **MBA Field Project; Grade Method: REG/AUD.** Individual instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department.* Majors only until the first day of classes. Students may register only with written permission of course coordinator. 3 credits

BMGT785 (PermReq) **Management of the Multinational Firm; Grade Method: REG/AUD.** Majors only until the first day of classes. 3 credits
0101 (06649) Tu..... 7:00pm- 9:40pm (MPA 1303) Gupta, A.
0201 (06650) Th..... 7:00pm- 9:40pm (MPA 1303) Gupta, A.

BMGT788A (PermReq) **Special Topics in Business and Management: Topics in Manufacturing; Grade Method: REG/AUD.** Restricted to grad business majors. Majors only until the first day of classes. 3 credits
0101 (06670) W..... 7:00pm- 9:40pm (MPA 4439) Fu, M.

BMGT788B (PermReq) **Special Topics in Business and Management: Sales Management; Grade Method: REG/AUD.** Majors only until the first day of classes. 3 credits

0101 (06680) M..... 7:00pm- 9:40pm (MPA 1314) Krapfel, R.

BMGT798C (PermReq) **Special Topics in Business and Management: Strategic Marketing; Grade Method: REG/AUD.** Majors only until the first day of classes. — 3 credits
0101 (06690) TuTh.....11:00am-12:15pm (MPA 1203) Biehal, G.

BMGT798D (PermReq) **Special Topics in Business and Management: Compensation and Performance Appraisal; Grade Method: REG/AUD.** Majors only until the first day of classes. — 3 credits
0101 (06700) M..... 7:00pm- 9:40pm (MPA 1303) Bartol, K.

BMGT798E (PermReq) **Special Topics in Business and Management: New Business Opportunities; Grade Method: REG/AUD.** Majors only until the first day of classes. — 3 credits
0101 (06710) M..... 7:00pm- 9:40pm (MPA 1407) Kinlein, B.

BMGT798F (PermReq) **Special Topics in Business and Management: Staffing; Grade Method: REG/AUD.** Majors only until the first day of classes. — 3 credits
0101 (06720) Tu..... 7:00pm- 9:40pm (MPA 1407) Stevens, C.

BMGT798G (PermReq) **Special Topics in Business and Management: Accounting Information Systems; Grade Method: REG/AUD.** Majors only until the first day of classes. — 3 credits
0101 (06730) Tu..... 7:00pm- 9:40pm (MPA 1311) Kandelin, N.

BMGT799 **Master's Thesis Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. Majors only until the first day of classes. Restricted to graduate business majors. — 1-6 credits

BMGT808A (PermReq) **Doctoral Seminar: Transportation Economics; Grade Method: REG/AUD.** Majors only until the first day of classes. — 3 credits
0101 (06824) Th..... 3:30pm- 6:10pm (MPA 3441) Windle, R.

BMGT808B **Doctoral Seminar: Product and Pricing Management; Grade Method: REG/AUD.** Majors only until the first day of classes. — 3 credits
0101 (06834) Tu..... 7:00pm- 9:40pm (MPA 3327) Ali, A.

BMGT808R **Doctoral Seminar: Strategic Management; Grade Method: REG/AUD.** Majors only until the first day of classes. — 3 credits
0101 (06844) M..... 4:00pm- 6:40pm (MPA 3441) Gupta, A.

BMGT821 **Seminar in Management Accounting; Grade Method: REG/AUD.** *Prerequisite BMGT 711 or equivalent.* Majors only until the first day of classes. — 3 credits
0101 (06854) Th..... 2:00pm- 4:40pm (MPA 4439) Gordon, L.

BMGT826 (PermReq) **Independent Study in Business and Management; Grade Method: REG/AUD.** Individual Instruction course: contact department or instructor to obtain section number. Majors only until the first day of classes. MBA students may register only with written permission of Masters Program Director. Ph.D. students may register only with written permission of Dr. Alt, Director of Graduate Studies. Restricted to graduate business majors. — 1-9 credits

BMGT830 (PermReq) **Operations Research: Linear Programming; Grade Method: REG/AUD.** *Prerequisites: MATH 240 or equivalent, or permission of department.* Majors only until the first day of classes. — 3 credits
0101 (06951) M..... 4:00pm- 6:40pm (MPA 1203) Gass, S.
0201 (06952) W..... 6:00pm- 8:40pm (MPA 1207) Bodin, L.

BMGT833 **Operations Research: Integer Programming; Grade Method: REG/AUD.** *Prerequisites: BMGT 830, and MATH 241 or equivalent, or permission of department.* Majors only until the first day of classes. — 3 credits
0101 (06962) Tu..... 4:00pm- 6:40pm (MPA 3441) Ball, M.

BMGT840 (PermReq) **Seminar in Financial Theory; Grade Method: REG/AUD.** *Prerequisite permission of department.* Majors only until the first day of classes. — 3 credits
0101 (06972) M..... 2:00pm- 4:40pm (MPA 4439) MeKsimovic, V.

BMGT845 (PermReq) **Seminar in Financial Institutions and Markets; Grade Method: REG/AUD.** *Prerequisite permission of department.* Majors only until the first day of classes. — 3 credits
0101 (06982) Tu..... 9:30am-12:10pm (MPA 4439) Unal, H.

BMGT861 **Seminar in Performance Appraisal and Training; Grade Method: REG/AUD.** *Prerequisite BMGT 660 or permission of department.* Majors only until the first day of classes. — 3 credits
0101 (06992) M..... 2:00pm- 4:40pm (MPA 3327) Taylor, M.

BMGT865 **Seminar in Comparative Theories of Organization; Grade Method: REG/AUD.** *Prerequisite BMGT 764 or equivalent, or permission of department.* Majors only until the first day of classes. — 3 credits
0101 (07002) Tu..... 4:00pm- 6:40pm (MPA 1407) Wally, S.

BMGT880 **Business Research Methodology; Grade Method: REG/AUD.** Majors only until the first day of classes. — 3 credits
0101 (07012) Tu..... 1:00pm- 3:40pm (MPA 3441) Olian, J.

BMGT882 (PermReq) **Applied Multivariate Analysis I; Grade Method: REG/AUD.** *Prerequisite: BMGT 733 or equivalent.* Majors only until the first day of classes. — 3 credits
0101 (07022) M..... 4:00pm- 6:40pm (MPA 4439) Kotz, S.

BMGT886 **Statistical Quality Control; Grade Method: REG/AUD.** *Prerequisite: BMGT 733 or equivalent.* Majors only until the first day of classes. — 3 credits
0101 (07032) Tu..... 7:00pm- 9:40pm (MPA 3441) Alt, F.

BMGT899 **Doctoral Dissertation Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. Majors only until the first day of classes. — 1-8 credits

BOTN Botany — (Life Sciences)

BOTN104 **Plant Biology for Non-Science Students; Grade Method: REG/P-F/AUD.** *For non-science majors only. Not open to students who have completed BIOL 105. Formerly BOTN 100.* Approved CORE Distributive Studies life science laboratory course only when taken concurrently with BOTN 105. Approved USP Distributive Studies Area B non-lab science and mathematics course. If taken with BOTN 105, course may be counted as USP Area B lab science course. — 3 credits
1001 (07187) MWF..... 1:00pm- 1:50pm (HJP 0226) Reveal, J.
2001 (07188) MWF.....10:00am-10:50am (HJP 0226) Berg, L.
3001 (07189) TuTh.....11:00am-12:15pm (HJP 0226) Patterson, G.

BOTN105 **Laboratory in Plant Biology; Grade Method: REG/P/AUD.** *Pre- or corequisite: BOTN 104. For non-science majors only.* Approved CORE Distributive Studies life science laboratory course only when taken concurrently with BOTN 104. — 1 credit
1101 (07199) M.....12:00pm- 3:00pm (HJP 3127) Lab Berg, L.
1102 (07200) M.....12:00pm- 3:00pm (HJP 3104) Lab Berg, L.
1105 (07201) M..... 3:00pm- 6:00pm (HJP 3104) Lab Berg, L.
1107 (07203) Tu..... 9:00am-12:00pm (HJP 3104) Lab Berg, L.
1109 (07204) Tu.....12:00pm- 3:00pm (HJP 3104) Lab Berg, L.
1112 (07205) Tu..... 3:00pm- 6:00pm (HJP 3104) Lab Berg, L.
1113 (07206) Tu..... 3:00pm- 6:00pm (HJP 3127) Lab Berg, L.
1114 (07207) Tu..... 6:00pm- 9:00pm (HJP 3104) Lab Berg, L.
1116 (07208) W.....12:00pm- 3:00pm (HJP 3104) Lab Berg, L.
1119 (07210) W..... 3:00pm- 6:00pm (HJP 3104) Lab Berg, L.
1120 (07211) W..... 3:00pm- 6:00pm (HJP 3127) Lab Berg, L.
1121 (07212) W..... 6:00pm- 9:00pm (HJP 3127) Lab Berg, L.
1122 (07213) Th..... 9:00am-12:00pm (HJP 3127) Lab Berg, L.
1125 (07214) Th.....12:00pm- 3:00pm (HJP 3127) Lab Berg, L.
1127 (07215) Th..... 3:00pm- 6:00pm (HJP 3127) Lab Berg, L.
1130 (07216) F..... 9:00am-12:00pm (HJP 3127) Lab Berg, L.

BOTN207 **Plant Diversity; Grade Method: REG/P-F/AUD.** *Prerequisite: BIOL 105 or HORT 100. Credit will be granted for only one of the following: BOTN 207 or BOTN 202. Formerly BOTN 200.* Course is taught in the fall semester only. — 4 credits
0101 (07226) MWF.....11:00am-11:50am (HJP 1229) Cooke, T.
W..... 1:00pm- 4:00pm (HJP 2226) Lab
0102 (07227) MWF.....11:00am-11:50am (HJP 1229) Cooke, T.
Th..... 1:00pm- 4:00pm (HJP 2226) Lab

BOTN211 **Ecology and Mankind; Grade Method: REG/P-F/AUD.** **CORE Distributive Studies Life Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** — 3 credits
0101 (07238) MWF..... 9:00am- 9:50am (HJP 0226) Koines, P.

BOTN321 **Introductory Plant Pathology; Grade Method: REG/P-F/AUD.** *Prerequisites: BIOL 105 and BIOL 106. Credit will be granted for only one of the following: BOTN 221 or BOTN 321. Formerly BOTN 221.* — 4 credits
0101 (07248) TuTh..... 9:00am- 9:50am (HJP 2242) Steiner, P.
Tu.....12:00pm- 4:00pm (HJP 2230) Lab
0102 (07249) TuTh..... 9:00am- 9:50am (HJP 2242) Steiner, P.
Th.....12:00pm- 4:00pm (HJP 2230) Lab

BOTN379 (PermReq) **Honors Research Problems in Botany; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

BOTN398 **Seminar; Grade Method: REG/P-F/AUD.** — 1 credit
0101 (07286) W.....11:00am-11:50am (HJP 1216) Barnett, N.

BOTN399 (PermReq) **Research Problems in Botany; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

BOTN403 **Medicinal and Poisonous Plants; Grade Method: REG/P-F/AUD.** *Prerequisite. BIOL 105 and CHEM 104.* Course is taught in the fall semester only. — 2 credits
0101 (07324) TuTh..... 9:00am- 9:50am (HJP 1229) Bean, G.

BOTN407 **Teaching Methods in Botany; Grade Method: REG/P-F/AUD.** *Prerequisite: BIOL 105 or permission of department.* Course is taught in the fall semester only. — 2 credits
0101 (07334) M..... 4:00pm- 6:00pm (HJP 1229) Berg, L.

BOTN441 **Plant Physiology; Grade Method: REG/P-F/AUD.** *Prerequisites: BIOL 105 and CHEM 103.* Course is taught in the fall semester only. — 4 credits
0101 (07344) TuTh.....10:00am-10:50am (HJP 2242) Barnett, N.
M..... 9:00am- 1:00pm (HJP 2226) Lab
0102 (07345) TuTh.....10:00am-10:50am (HJP 2242) Barnett, N.
M..... 1:00pm- 5:00pm (HJP 2226) Lab
0103 (07346) TuTh.....10:00am-10:50am (HJP 2242) Barnett, N.
M..... 6:00pm-10:00pm (HJP 2226) Lab
0104 (07347) TuTh.....10:00am-10:50am (HJP 2242) Barnett, N.
Tu..... 1:00pm- 5:00pm (HJP 2226) Lab

BOTN620 (PermReq) **Methods in Plant Tissue Culture; Grade Method: REG.** *Prerequisite permission of both department and instructor.* Course is taught in the fall semester only. — 2 credits
0101 (07357) W..... 1:00pm- 1:50pm (HJP 2242) Bottino, P.
W..... 2:00pm- 4:00pm (HJP 3213) Lab
0102 (07358) W..... 1:00pm- 1:50pm (HJP 2242) Bottino, P.
Th..... 2:00pm- 4:00pm (HJP 3213) Lab

BOTN645 **Growth and Development; Grade Method: REG/AUD.** *Prerequisite: BOTN 441.* Course is taught in the fall semester only. — 2 credits
0101 (07368) MW.....10:00am-10:50am (HJP 1229) Barnett, N.

BOTN698B **Seminar in Botany: Pathology; Grade Method: REG/AUD.** — 1 credit
0101 (07378) W..... 4:00pm- 4:50pm (HJP 1216) Bean, G.

BOTN698C **Seminar in Botany: Physiology; Grade Method: REG/AUD.** — 1 credit
0101 (07388) Tu.....12:00pm-12:50pm (HJP 1216) Gantt, E.

BOTN698D **Seminar in Botany: Ecology; Grade Method: REG/AUD.** — 1 credit
0101 (07398) Th..... 4:00pm- 4:50pm (HJP 1216) Fenster, C.

BOTN698J **Seminar in Botany: Genetics; Grade Method: REG/AUD.** — 1 credit
0101 (07408) Tu..... 9:00am- 9:50am (HJP 1216) Bottino, P.

BOTN699A (PermReq) **Special Problems in Botany: Cell Biology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

BOTN699B (PermReq) **Special Problems in Botany: Pathology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

BOTN699C (PermReq) **Special Problems in Botany: Physiology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

BOTN699D (PermReq) **Special Problems in Botany: Ecology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

BOTN699E (PermReq) **Special Problems in Botany: Mycology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

BOTN699F (PermReq) **Special Problems in Botany: Morphology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

BOTN699J (PermReq) **Special Problems in Botany: Genetics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

BOTN699K (PermReq) **Special Problems in Botany: Molecular Biology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

BOTN699N (PermReq) **Special Problems in Botany: Plant Systematics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

BOTN799 **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

BOTN899 **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-8 credits

BSOS Behavioral and Social Sciences — (Behavioral and Social Sciences)

BSOS346 (PermReq) **Internship in Political Institutions: State and Local Government; Grade Method: REG.** *Prerequisite permission of department.* — 3-6 credits
0101 (07547) M..... 1:00pm- 2:30pm (ASV 3215) STAFF
Time and room to be arranged Dis

BSOS356 (PermReq) **Internship in Political Institutions: Federal and International; Grade Method: REG.** *Prerequisite permission of department.* — 3-6 credits
0101 (07557) M..... 1:00pm- 2:00pm (ASV 3219) Sorenson, G.
Time and room to be arranged Dis

BSOS359A **Contemporary Issues in Political Leadership and Participation: The Role of the Media in the American Political Process; Grade Method: REG.** — 3 credits
0101 (07567) M..... 7:00pm- 8:30pm (ASV 2309) Miranda, R.
Time and room to be arranged Dis

BSOS359B **Contemporary Issues in Political Leadership and Participation: Survey of American Social Movements; Grade Method: REG.** — 3 credits
0101 (07577) M..... 5:00pm- 6:30pm (TYD 0102) Garber, R.
Time and room to be arranged Dis

BSOS359C (PermReq) **Contemporary Issues in Political Leadership and Participation: The Role of Advocacy in the American Political Process; Grade Method: REG.** — 3 credits
0101 (07587) M..... 3:00pm- 4:30pm (SCP 2122) Evans, G.
Time and room to be arranged Dis

BSOS359D (PermReq) **Contemporary Issues in Political Leadership and Participation: Presidential Biography; Grade Method: REG/P-F/AUD.** Professor Burns will meet with seminar four times throughout the semester, dates to be announced. Discussion group will meet with Dr. Sorenson or student's faculty research advisor. Students are encouraged to undertake independent research study on a U.S. president in addition to the course with Professor Burns. — 3 credits
0101 (07597) M..... 2:00pm- 4:45pm (SCP 2120) MacGregor Burns
Time and room to be arranged Dis

BSOS366 (PermReq) **Internship in Community Service Organizations; Grade Method: REG.** *Prerequisite permission of department.* — 3-6 credits
0101 (07607) M..... 1:00pm- 2:30pm (ASV 3211) STAFF
Time and room to be arranged Dis

BSOS386 (PermReq) **Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

BSOS396 (PermReq) **Fellowship Program in Political Leadership; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite permission of department and acceptance of full-time fellowship program. Corequisite: BSOS 346, BSOS 356 or BSOS 366.* — 3-6 credits

BSOS399 (PermReq) **Directed Study in Behavioral and Social Sciences; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

CCJS Criminology and Criminal Justice — (Behavioral and Social Sciences)

CCJS100 **Introduction to Criminal Justice; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** *Formerly CJUS 100.* — 3 credits
0101 (07673) TuTh..... 2:00pm- 3:15pm (SHM 2102) Freeman, R.
0201 (07674) MWF..... 1:00pm- 1:50pm (LEF 2205) Marcinisk, E.

CCJS105 **Introduction to Criminology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** *Formerly CRIM 220.* — 3 credits
0101 (07686) TuTh.....11:00am-12:15pm (SHM 2102) STAFF
0201 (07687) MWF..... 1:00pm- 1:50pm (SHM 2101) STAFF
0301 (07688) MWF.....11:00am-11:50am (SHM 2102) STAFF

CCJS230 **Criminal Law in Action; Grade Method: REG/P-F/AUD.** *Formerly CJUS 230.* — 3 credits
0101 (07698) MWF..... 9:00am- 9:50am (SHM 2101) Russell, K.

CCJS234 **Law of Criminal Investigation; Grade Method: REG/P-F/AUD.** *Prerequisite: CCJS 230. Formerly CJUS 234.* — 3 credits
0101 (07708) TuTh..... 8:00am- 9:15am (SHM 2102) Johnston, D.

CCJS300 **Criminological and Criminal Justice Research Methods; Grade Method: REG.** *Prerequisites: CCJS 100 and CCJS 105; and one of the following: SOCY 201, PSYC 200, ECON 321, BMGT 230, EDMS 451, or GVPT 422. Formerly CJUS 300.* — 3 credits
0101 (07718) MWF..... 1:00pm- 1:50pm (LEF 2166) Brooks, L.
0201 (07719) MWF.....10:00am-10:50am (LEF 2208) Brooks, L.
0301 (07720) TuTh.....12:30pm- 1:45pm (LEF 0231) STAFF

CCJS320 **Introduction to Criminalistics; Grade Method: REG/P-F/AUD.** *Prerequisite: CCJS 234. Formerly CJUS 320.* — 3 credits
0101 (07730) MW..... 6:00pm- 7:15pm (LEF 2205) Mauriello, T.
MW..... 6:00pm- 7:15pm (LEF 0208) Lab
0201 (07731) MW..... 7:30pm- 8:45pm (LEF 2205) Mauriello, T.
MW..... 7:30pm- 8:45pm (LEF 0208) Lab

CCJS330 **Contemporary Criminological Issues; Grade Method: REG/P-F/AUD.** *Prerequisite: CCJS 105. Formerly CRIM 330.* — 3 credits
0101 (07741) TuTh..... 9:30am-10:45am (SCP 1120) Loftin, C.
0201 (07742) M..... 7:00pm- 9:40pm (TWS 0147) STAFF
0301 (07743) W..... 7:00pm- 9:40pm (TWS 0147) STAFF

CCJS340 **Concepts of Law Enforcement Administration; Grade Method: REG/P-F/AUD.** *Prerequisite: CCJS 100 or equivalent. Formerly CJUS 340.* — 3 credits
0101 (07753) MWF.....12:00pm-12:50pm (SHM 2102) Brooks, L.
0201 (07754) TuTh..... 8:00am- 9:15am (LEF 2205) STAFF

CCJS350 **Juvenile Delinquency; Grade Method: REG/P-F/AUD.** *Prerequisite: CCJS 105. Formerly CRIM 450.* — 3 credits
0101 (07764) MWF.....10:00am-10:50am (TWS 2154) Paternoster, R.
0301 (07765) TuTh.....11:00am-12:15pm (KEY 0102) Smith, D.

CCJS352 **Drugs and Crime; Grade Method: REG/P-F/AUD.** *Prerequisite: CCJS 100. Formerly CJUS 352.* — 3 credits
0101 (07775) TuTh..... 2:00pm- 3:15pm (ARM 0112) STAFF

CCJS359 (PermReq) **Field Training in Criminology and Corrections; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: (CCJS 105 or CRIM 220) and (CCJS 350 or CRIM 450), majors only, and permission of department.** — 1-6 credits

CCJS386 (PermReq) **Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor and student's internship sponsor. 56 semester hours.* **Prerequisites: junior standing by August 1993; a 3.2 cumulative GPA; and a grade of "A" in the course in which assisting.** — 3 credits

CCJS388H (PermReq) **Independent Reading Course in Criminology and Criminal Justice; Grade Method: REG. For honor students only.** — 3 credits
0101 (07814) W..... 3:00pm- 4:30pm (LEF 2220R) Wellford, C.
Time and room to be arranged Dis

CCJS389H (PermReq) **Independent Research in Criminology and Criminal Justice; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Honors students only.** — 3 credits

CCJS398 (PermReq) — Law Enforcement Field Training; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: junior standing. Majors only. — 1-6 credits

CCJS399 (PermReq) — Independent Study in Criminology and Criminal Justice; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written consent of faculty under whose direction the study is to be performed, and at least twelve hours of criminology credits. — 1-3 credits

CCJS432 — Law of Corrections; Grade Method: REG/P-F/AUD. *Prerequisites: CCJS 230 or CCJS 234, and CCJS 105. Formerly CRIM 432.* — 3 credits

0101 (07862) MWF.....11:00am-11:50am (TYD 0117) STAFF

CCJS444 — Advanced Law Enforcement Administration; Grade Method: REG/P-F/AUD. *Prerequisite: CCJS 340 or permission of department. Formerly CJUS 444.* — 3 credits

0101 (07872) TuTh..... 2:00pm- 3:15pm (LEF 1220) Sherman, L.

CCJS451 — Crime and Delinquency Prevention; Grade Method: REG/P-F/AUD. *Prerequisite: CCJS 105 or CCJS 350 or permission of department. Formerly CRIM 451.* — 3 credits

0101 (07882) TuTh..... 9:30am-10:45am (JMZ 0220) Freeman, R.

CCJS452 — Treatment of Criminals and Delinquents; Grade Method: REG/P-F/AUD. *Prerequisite: CCJS 105 or CCJS 350 or permission of department. Formerly CRIM 452.* — 3 credits

0101 (07892) MWF..... 9:00am- 9:50am (LEF 2166) Marciniak, E.

CCJS454 — Contemporary Criminological Theory; Grade Method: REG/P-F/AUD. *Prerequisites: CCJS 105, and CCJS 350. Formerly CRIM 454.* — 3 credits

0101 (07902) TuTh.....12:30pm- 1:45pm (LEF 2208) Simpson, S.

CCJS488C (PermReq) — Selected Topics in Criminology and Criminal Justice: Police and Campus Interaction; Grade Method: REG/P-F/AUD. — 3 credits

0101 (07912) MW..... 3:30pm- 4:45pm (LEF 2205) Wellford, C.

CCJS488D — Selected Topics in Criminology and Criminal Justice: Fundamental for Criminological Research; Grade Method: REG. — 3 credits

0101 (07922) W..... 4:00pm- 6:45pm (LEF 1220) Smith, D.

CCJS600 — Criminal Justice; Grade Method: REG/AUD. *Prerequisites: admission to the graduate program in criminal justice or permission of department. Formerly CJUS 600.* — 3 credits

0101 (07932) M..... 4:00pm- 6:45pm (LEF 1222) Wellford, C.

CCJS610 — Research Methods in Criminal Justice and Criminology; Grade Method: REG/AUD. *Prerequisite: completion of research methods and statistics requirements for the M.A. Degree. Formerly CRIM 610.* — 3 credits

0101 (07942) W..... 4:00pm- 6:45pm (LEF 2166) Gottfredson, D.

CCJS630 — Seminar in Criminal Law and Society; Grade Method: REG/AUD. *Prerequisite: CCJS 230 or equivalent, and a course in introductory criminology. Formerly CJUS 630.* — 3 credits

0101 (07952) Th..... 4:00pm- 6:45pm (LEF 2220R) Simpson, S.

CCJS699 — Special Criminological Problems; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CCJS699A — Special Criminological Problems: Re-Inventing the Police; Grade Method: REG/AUD. — 1-3 credits

0101 (07975) Tu..... 4:00pm- 7:00pm (LEF 1222) Sherman, L.

CCJS699B — Special Criminological Problems: Violence Research; Grade Method: REG/AUD. — 3 credits

0101 (07985) M..... 4:00pm- 6:45pm (LEF 1210) Loftin, C.

CCJS699F — Special Criminological Problems: Time Series Methods in Criminal Justice and Criminology; Grade Method: REG/AUD. — 3 credits

0101 (07995) Th..... 4:00pm- 6:45pm (LEF 1221) McDowall, D.

CCJS710 — Advanced Research Methods in Criminology; Grade Method: REG/AUD. *Prerequisite: approved doctoral level statistics course. Formerly CRIM 710.* — 3 credits

0101 (08005) Tu..... 4:00pm- 6:45pm (LEF 1221) McDowall, D.

CCJS799 — Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CCJS899 — Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

CHEM Chemistry (Life Sciences)

CHEM103 — General Chemistry I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Recommended: CHEM 001 or placement in MATH 115 or higher. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111, CHEM 143.* Laboratory sessions will begin after the first lecture. — 4 credits

3124 (08088) MWF..... 8:00am- 8:50am (CHM 1407) Harwood, W.
Tu.....12:00pm- 2:50pm (CHM 1105) Lab
Tu..... 8:00am- 8:50am (EGR 1124) Dis

3125 (08089) MWF..... 8:00am- 8:50am (CHM 1407) Harwood, W.
Tu.....12:00pm- 2:50pm (CHM 1112) Lab
Tu..... 8:00am- 8:50am (EGR 0110) Dis

3134 (08091) MWF..... 8:00am- 8:50am (CHM 1407) Harwood, W.
W.....12:00pm- 2:50pm (CHM 1105) Lab
Tu..... 9:00am- 9:50am (EGR 0102) Dis

3144 (08094) MWF..... 8:00am- 8:50am (CHM 1407) Harwood, W.
Th.....12:00pm- 2:50pm (CHM 1105) Lab
Tu..... 9:00am- 9:50am (EGR 1124) Dis

3145 (08095) MWF..... 8:00am- 8:50am (CHM 1407) Harwood, W.
Th.....12:00pm- 2:50pm (CHM 1112) Lab
Tu..... 9:00am- 9:50am (CHE 2116) Dis

3147 (08096) MWF..... 8:00am- 8:50am (CHM 1407) Harwood, W.
Th..... 3:00pm- 5:50pm (CHM 1105) Lab
Tu..... 9:00am- 9:50am (CHE 2120) Dis

3154 (08097) MWF..... 8:00am- 8:50am (CHM 1407) Harwood, W.
F.....12:00pm- 2:50pm (CHM 1109) Lab
Tu..... 8:00am- 8:50am (CHM 0124) Dis

3214 (08098) MWF.....10:00am-10:50am (CHM 1407) Bellama, J.
M.....12:00pm- 2:50pm (CHM 1119) Lab
Th..... 8:00am- 8:50am (EGR 0102) Dis

3215 (08099) MWF.....10:00am-10:50am (CHM 1407) Bellama, J.
M.....12:00pm- 2:50pm (CHM 1110) Lab
Th..... 8:00am- 8:50am (EGR 3111) Dis

3216 (08100) MWF.....10:00am-10:50am (CHM 1407) Bellama, J.
M.....12:00pm- 2:50pm (CHM 1112) Lab
Th..... 8:00am- 8:50am (COL 3110) Dis

3217 (08101) MWF.....10:00am-10:50am (CHM 1407) Bellama, J.
M..... 3:00pm- 5:50pm (CHM 1105) Lab
Th..... 8:00am- 8:50am (MTH B0423) Dis

3224 (08102) MWF.....10:00am-10:50am (CHM 1407) Bellama, J.
Tu.....12:00pm- 2:50pm (CHM 1106) Lab
Th..... 8:00am- 8:50am (CHE 2120) Dis

3227 (08103) MWF.....10:00am-10:50am (CHM 1407) Bellama, J.
Tu..... 3:00pm- 5:50pm (CHM 1109) Lab
Th..... 8:00am- 8:50am (CHE 2116) Dis

3228 (08104) MWF.....10:00am-10:50am (CHM 1407) Bellama, J.
Tu..... 3:00pm- 5:50pm (CHM 1112) Lab
Th..... 8:00am- 8:50am (CHM 0124) Dis

3234 (08105) MWF.....10:00am-10:50am (CHM 1407) Bellama, J.
W.....12:00pm- 2:50pm (CHM 1109) Lab
Th..... 9:00am- 9:50am (EGR 0102) Dis

3235 (08106) MWF.....10:00am-10:50am (CHM 1407) Bellama, J.
W.....12:00pm- 2:50pm (CHM 1110) Lab
Th..... 9:00am- 9:50am (EGR 3111) Dis

3244 (08109) MWF.....10:00am-10:50am (CHM 1407) Bellama, J.
Th.....12:00pm- 2:50pm (CHM 1106) Lab
Th..... 9:00am- 9:50am (CHE 2120) Dis

3247 (08110) MWF.....10:00am-10:50am (CHM 1407) Bellama, J.
Th..... 3:00pm- 5:50pm (CHM 1109) Lab
Th..... 9:00am- 9:50am (CHE 2116) Dis

3254 (08111) MWF.....10:00am-10:50am (CHM 1407) Bellama, J.
F.....12:00pm- 2:50pm (CHM 1119) Lab
Th..... 8:00am- 8:50am (COL 3112) Dis

3311 (08112) MWF.....11:00am-11:50am (CHM 1407) Eichhorn, B.
M..... 8:00am-10:50am (CHM 1112) Lab
Tu.....12:00pm-12:50pm (CHE 2140) Dis

3314 (08113) MWF.....11:00am-11:50am (CHM 1407) Eichhorn, B.
M.....12:00pm- 2:50pm (CHM 1111) Lab
Tu.....12:00pm-12:50pm (EGR 2102) Dis

3321 (08114) MWF.....11:00am-11:50am (CHM 1407) Eichhorn, B.
Tu..... 8:00am-10:50am (CHM 1109) Lab
Tu.....12:00pm-12:50pm (EGR 3114) Dis

3327 (08115) MWF.....11:00am-11:50am (CHM 1407) Eichhorn, B.
Tu..... 3:00pm- 5:50pm (CHM 1110) Lab
Tu.....12:00pm-12:50pm (JMZ 0118) Dis

3328 (08116) MWF.....11:00am-11:50am (CHM 1407) Eichhorn, B.
Tu..... 3:00pm- 5:50pm (CHM 1111) Lab
Tu.....12:00pm-12:50pm (EGR 0102) Dis

3331 (08117) MWF.....11:00am-11:50am (CHM 1407) Eichhorn, B.
W..... 8:00am-10:50am (CHM 1111) Lab
Tu..... 1:00pm- 1:50pm (JMZ 3205) Dis

3334 (08118) MWF.....11:00am-11:50am (CHM 1407) Eichhorn, B.
W.....12:00pm- 2:50pm (CHM 1111) Lab
Tu..... 1:00pm- 1:50pm (JMZ 1224) Dis

3344 (08119) MWF.....11:00am-11:50am (CHM 1407) Eichhorn, B.
Th.....12:00pm- 2:50pm (CHM 1109) Lab
Tu..... 1:00pm- 1:50pm (JMZ 1117) Dis

3348 (08121) MWF.....11:00am-11:50am (CHM 1407) Eichhorn, B.
Th..... 3:00pm- 5:50pm (CHM 1111) Lab
Tu..... 1:00pm- 1:50pm (EGR 2102) Dis

3351 (08122) MWF.....11:00am-11:50am (CHM 1407) Eichhorn, B.
F..... 8:00am-10:50am (CHM 1111) Lab
Tu.....12:00pm-12:50pm (JMZ 1224) Dis

3352 (08123) MWF.....11:00am-11:50am (CHM 1407) Eichhorn, B.
F..... 8:00am-10:50am (CHM 1110) Lab
Tu.....12:00pm-12:50pm (COL 3114) Dis

3354 (08124) MWF.....11:00am-11:50am (CHM 1407) Eichhorn, B.
F.....12:00pm- 2:50pm (CHM 1111) Lab
Tu..... 1:00pm- 1:50pm (CHM 0119) Dis

3355 (08125) MWF.....11:00am-11:50am (CHM 1407) Eichhorn, B.
F.....12:00pm- 2:50pm (CHM 1106) Lab
Tu..... 1:00pm- 1:50pm (EGR 3114) Dis

3411 (08126) MWF.....12:00pm-12:50pm (CHM 1407) Bellama, J.
M..... 8:00am-10:50am (CHM 1105) Lab
Th.....12:00pm-12:50pm (JMZ 2207) Dis

3412 (08127) MWF.....12:00pm-12:50pm (CHM 1407) Bellama, J.
M..... 8:00am-10:50am (CHM 1106) Lab
Th.....12:00pm-12:50pm (JMZ 2120) Dis

3417 (08128) MWF.....12:00pm-12:50pm (CHM 1407) Bellama, J.
M..... 5:00pm- 5:50pm (CHM 1106) Lab
Th.....12:00pm-12:50pm (JMZ 1103) Dis

3424 (08129) MWF.....12:00pm-12:50pm (CHM 1407) Bellama, J.
Tu.....12:00pm- 2:50pm (CHM 1110) Lab
Th.....12:00pm-12:50pm (EGR 1110) Dis

3431 (08131) MWF.....12:00pm-12:50pm (CHM 1407) Bellama, J.
W..... 8:00am-10:50am (CHM 1105) Lab
Th..... 1:00pm- 1:50pm (EGR 0102) Dis

3432 (08132) MWF.....12:00pm-12:50pm (CHM 1407) Bellama, J.
M..... 8:00am-10:50am (CHM 1112) Lab
Th..... 1:00pm- 1:50pm (CHE 2120) Dis

3437 (08133) MWF.....12:00pm-12:50pm (CHM 1407) Bellama, J.
W..... 5:00pm- 5:50pm (CHM 1112) Lab
Th..... 1:00pm- 1:50pm (EGR 3111) Dis

3441 (08134) MWF.....12:00pm-12:50pm (CHM 1407) Bellama, J.
Th..... 6:00am-10:50am (CHM 1119) Lab
Th..... 1:00pm- 1:50pm (JMZ 2207) Dis

3442 (08135) MWF.....12:00pm-12:50pm (CHM 1407) Bellama, J.
Th..... 8:00am-10:50am (CHM 1112) Lab
Th..... 1:00pm- 1:50pm (JMZ 5205) Dis

3451 (08137) MWF.....12:00pm-12:50pm (CHM 1407) Bellama, J.
F..... 8:00am-10:50am (CHM 1109) Lab
Th.....12:00pm-12:50pm (CHE 2140) Dis

3511 (08138) MWF..... 1:00pm- 1:50pm (CHM 1407) Boyd, A.
M..... 8:00am-10:50am (CHM 1110) Lab
Tu..... 1:00pm- 1:50pm (EGR 3111) Dis

3517 (08139) MWF..... 1:00pm- 1:50pm (CHM 1407) Boyd, A.
M..... 5:00pm- 5:50pm (CHM 1109) Lab
Tu..... 1:00pm- 1:50pm (JMZ 0122) Dis

3518 (08140) MWF..... 1:00pm- 1:50pm (CHM 1407) Boyd, A.
M..... 5:00pm- 5:50pm (CHM 1119) Lab
Tu..... 1:00pm- 1:50pm (HBK 1116) Dis

3521 (08141) MWF..... 1:00pm- 1:50pm (CHM 1407) Boyd, A.
Tu..... 8:00am-10:50am (CHM 1105) Lab
Tu..... 1:00pm- 1:50pm (ARM 0120) Dis

3522 (08142) MWF..... 1:00pm- 1:50pm (CHM 1407) Boyd, A.
Tu..... 8:00am-10:50am (CHM 1106) Lab
Tu..... 1:00pm- 1:50pm (HBK 1112) Dis

3523 (08143) MWF..... 1:00pm- 1:50pm (CHM 1407) Boyd, A.
Tu..... 8:00am-10:50am (CHM 1119) Lab
Tu..... 1:00pm- 1:50pm (CHE 2118) Dis

3551 (08144) MWF..... 1:00pm- 1:50pm (CHM 1407) Boyd, A.
M..... 8:00am-10:50am (CHM 1109) Lab
Tu..... 2:00pm- 2:50pm (EGR 3111) Dis

3537 (08145) MWF..... 1:00pm- 1:50pm (CHM 1407) Boyd, A.
M..... 5:00pm- 5:50pm (CHM 1109) Lab
Tu..... 2:00pm- 2:50pm (ARM 0108) Dis

3538 (08146) MWF..... 1:00pm- 1:50pm (CHM 1407) Boyd, A.
M..... 5:00pm- 5:50pm (CHM 1119) Lab
Tu..... 2:00pm- 2:50pm (CHE 2118) Dis

3541 (08147) MWF..... 1:00pm- 1:50pm (CHM 1407) Boyd, A.
Th..... 8:00am-10:50am (CHM 1105) Lab
Tu..... 2:00pm- 2:50pm (ARM 0120) Dis

3542 (08148) MWF..... 1:00pm- 1:50pm (CHM 1407) Boyd, A.
Th..... 8:00am-10:50am (CHM 1106) Lab
Tu..... 2:00pm- 2:50pm (CHE 2145) Dis

3617 (08150) MWF..... 2:00pm- 2:50pm (CHM 1407) STAFF
M..... 3:00pm- 5:50pm (CHM 1110) Lab
Th..... 1:00pm- 1:50pm (JMZ 1117) Dis

3621 (08151) MWF..... 2:00pm- 2:50pm (CHM 1407) STAFF
Tu..... 8:00am-10:50am (CHM 1111) Lab
Th..... 1:00pm- 1:50pm (CHM 0128) Dis

3622 (08152) MWF..... 2:00pm- 2:50pm (CHM 1407) STAFF
Tu..... 8:00am-10:50am (CHM 1110) Lab
Th..... 1:00pm- 1:50pm (JMZ 1103) Dis

3624 (08153) MWF..... 2:00pm- 2:50pm (CHM 1407) STAFF
Tu.....12:00pm- 2:50pm (CHM 1119) Lab
Th..... 1:00pm- 1:50pm (CHM 0119) Dis

3627 (08154) MWF..... 2:00pm- 2:50pm (CHM 1407) STAFF
Tu..... 3:00pm- 5:50pm (CHM 1119) Lab
Th..... 1:00pm- 1:50pm (CHE 2140) Dis

3637 (08156) MWF..... 2:00pm- 2:50pm (CHM 1407) STAFF
W..... 3:00pm- 5:50pm (CHM 1110) Lab
Th..... 2:00pm- 2:50pm (EGR 3111) Dis

3641 (08157) MWF..... 2:00pm- 2:50pm (CHM 1407) STAFF
Th..... 8:00am-10:50am (CHM 1109) Lab
Th..... 2:00pm- 2:50pm (CHM 0128) Dis

3642 (08158) MWF..... 2:00pm- 2:50pm (CHM 1407) STAFF
Th..... 8:00am-10:50am (CHM 1110) Lab
Th..... 2:00pm- 2:50pm (CHE 2140) Dis

3647 (08159) MWF..... 2:00pm- 2:50pm (CHM 1407) STAFF
Th..... 3:00pm- 5:50pm (CHM 1112) Lab
Th..... 2:00pm- 2:50pm (CHM 0122) Dis

CHEM103H — General Chemistry I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Recommended: CHEM 001 or placement in MATH 115 or higher. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111, CHEM 143.* — 4 credits

0314 (08169) MWF.....10:00am-10:50am (CHM 1402) Ammon, H.
M.....12:00pm- 2:50pm (CHM 1235) Lab
Th..... 8:00am- 8:50am (CHM 0127) Dis

0317 (08170) MWF.....10:00am-10:50am (CHM 1402) Ammon, H.
M..... 3:00pm- 5:50pm (CHM 1233) Lab
Th..... 8:00am- 8:50am (PHY 4220) Dis

0321 (08171) MWF.....10:00am-10:50am (CHM 1402) Ammon, H.
Tu..... 8:00am-10:50am (CHM 1235) Lab
Th..... 9:00am- 9:50am (PHY 4220) Dis

0327 (08172) MWF.....10:00am-10:50am (CHM 1402) Ammon, H.
Tu..... 3:00pm- 5:50pm (CHM 1233) Lab
Th..... 9:00am- 9:50am (CHM 0124) Dis

CHEM113 — General Chemistry II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 113 or CHEM 115.* Laboratory sessions will begin after the first lecture. — 4 credits

4111 (08192) TuTh..... 8:00am- 9:15am (CHM 1407) DeVoe, H.
M..... 8:00am-10:50am (CHM 1126) Lab
M..... 1:00pm- 1:50pm (CHE 2116) Dis

4117 (08193) TuTh..... 8:00am- 9:15am (CHM 1407) DeVoe, H.
M..... 5:00pm- 5:50pm (CHM 1126) Lab
M..... 1:00pm- 1:50pm (ARM 0103) Dis

4124 (08194) TuTh..... 8:00am- 9:15am (CHM 1407) DeVoe, H.
Tu.....12:00pm- 2:50pm (CHM 1126) Lab
M..... 1:00pm- 1:50pm (ARM 0108) Dis

4125 (08195) TuTh..... 8:00am- 9:15am (CHM 1407) DeVoe, H.
Tu.....12:00pm- 2:50pm (CHM 1122) Lab
M..... 1:00pm- 1:50pm (ARM 0120) Dis

4131 (08196) TuTh..... 8:00am- 9:15am (CHM 1407) DeVoe, H.
W..... 8:00am-10:50am (CHM 1128) Lab
M..... 2:00pm- 2:50pm (CHE 2116) Dis

4134 (08197) TuTh..... 8:00am- 9:15am (CHM 1407) DeVoe, H.
W.....12:00pm- 2:50pm (CHM 1128) Lab
M..... 2:00pm- 2:50pm (ARM 0102) Dis

4137 (08198) TuTh..... 8:00am- 9:15am (CHM 1407) DeVoe, H.
W..... 5:00pm- 5:50pm (CHM 1128) Lab
M..... 2:00pm- 2:50pm (ARM 0103) Dis

4144 (08199) TuTh..... 8:00am- 9:15am (CHM 1407) DeVoe, H.
Th.....12:00pm- 2:50pm (CHM 1128) Lab
M..... 2:00pm- 2:50pm (ARM 0108) Dis

4145 (08200) TuTh..... 8:00am- 9:15am (CHM 1407) DeVoe, H.
Th.....12:00pm- 2:50pm (CHM 1122) Lab
M..... 2:00pm- 2:50pm (ARM 0120) Dis

4154 (08201) TuTh..... 8:00am- 9:15am (CHM 1407) DeVoe, H.
F.....12:00pm- 2:50pm (CHM 1128) Lab
M..... 1:00pm- 1:50pm (ARM 0102) Dis

4211 (08202) TuTh.....11:00am-12:15pm (CHM 1407) DeVoe, H.
M..... 8:00am-10:50am (CHM 1122) Lab
W..... 1:00pm- 1:50pm (EGR 2102) Dis

4214 (08203) TuTh.....11:00am-12:15pm (CHM 1407) DeVoe, H.
M.....12:00pm- 2:50pm (CHM 1208) Lab
W..... 1:00pm- 1:50pm (ARM 0102) Dis

4217 (08204) TuTh.....11:00am-12:15pm (CHM 1407) DeVoe, H.
M..... 3:00pm- 5:50pm (CHM 1208) Lab
W..... 1:00pm- 1:50pm (EGR 1124) Dis

4221 (08205) TuTh.....11:00am-12:15pm (CHM 1407) DeVoe, H.
Tu..... 8:00am-10:50am (CHM 1208) Lab
W..... 1:00pm- 1:50pm (ARM 0108) Dis

4227 (08206) TuTh.....11:00am-12:15pm (CHM 1407) DeVoe, H.
Tu..... 3:00pm- 5:50pm (CHM 1208) Lab
W..... 1:00pm- 1:50pm (EGR 1110) Dis

4231 (08207) TuTh.....11:00am-12:15pm (CHM 1407) DeVoe, H.
W..... 8:00am-10:50am (CHM 1208) Lab
W..... 2:00pm- 2:50pm (EGR 2102) Dis

4237 (08208) TuTh.....11:00am-12:15pm (CHM 1407) DeVoe, H.
W..... 3:00pm- 5:50pm (CHM 1208) Lab
W..... 2:00pm- 2:50pm (EGR 1124) Dis

4241 (08209) TuTh.....11:00am-12:15pm (CHM 1407) DeVoe, H.
Th..... 8:00am-10:50am (CHM 1128) Lab
W..... 2:00pm- 2:50pm (ARM 0108) Dis

4247 (08210) TuTh.....11:00am-12:15pm (CHM 1407) DeVoe, H.
Th..... 3:00pm- 5:50pm (CHM 1208) Lab
W..... 2:00pm- 2:50pm (EGR 1110) Dis

4254 (08211) TuTh.....11:00am-12:15pm (CHM 1407) DeVoe, H.
F.....12:00pm- 2:50pm (CHM 1208) Lab
W..... 2:00pm- 2:50pm (ARM 0102) Dis

CHEM143 — General and Analytical Chemistry I; Grade Method: REG/P-F/AUD. *Prerequisite: one year high school chemistry. For CHEM majors only. Credit will be granted for only one of the following: CHEM 103, CHEM 122, CHEM 102, CHEM 143.* — 5 credits

0031 (08221) MWF..... 9:00am- 9:50am (CHM 1402) Moore, J.
MW..... 1:00pm- 4:00pm (CHM 1212) Lab
Tu.....11:00am-11:50am (EGR 2112) Dis

0032 (08222) MWF..... 9:00am- 9:50am (CHM 1402) Moore, J.
TuTh..... 8:00am-10:50am (CHM 1212) Lab
Tu.....11:00am-11:50am (MTH B0429) Dis

0033 (08223) MWF..... 9:00am- 9:50am (CHM 1402) Moore, J.
TuTh..... 1:00pm- 4:00pm (CHM 1212) Lab
Tu.....11:00am-11:50am (CHM 2201) Dis

CHEM227 — Inorganic and Analytical Chemistry Lab; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 113* — 4 credits

1417 (08233) MW..... 2:00pm- 2:50pm (CHM 1402) Freeman, D.
MW..... 3:00pm- 5:50pm (CHM 3226) Lab

1427 (08234) MW..... 2:00pm- 2:50pm (CHM 1402) Freeman, D.
TuTh..... 3:30pm- 6:20pm (CHM 3226) Lab

CHEM233 — Organic Chemistry I; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 255.* Laboratory sessions will begin after the first lecture. — 4 credits

7114 (08244) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
M.....12:00pm- 2:50pm (CHM 1221) Lab
Tu.....12:00pm-12:50pm (CHE 2120) Dis

7117 (08245) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
M..... 3:00pm- 5:50pm (CHM 1221) Lab
Tu.....12:00pm-12:50pm (ARM 0108) Dis

7121 (08246) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
Tu..... 8:00am-10:50am (CHM 1221) Lab
Tu.....12:00pm-12:50pm (CHM 2201) Dis

7127 (08247) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
Tu..... 3:00pm- 5:50pm (CHM 1221) Lab
Tu.....12:00pm-12:50pm (CHE 2145) Dis

7134 (08248) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
W.....12:00pm- 2:50pm (CHM 1221) Lab
Tu..... 1:00pm- 1:50pm (CHE 2120) Dis

7137 (08249) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
M..... 3:00pm- 5:50pm (CHM 1221) Lab
Tu..... 1:00pm- 1:50pm (ARM 0108) Dis

7141 (08250) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
Th..... 8:00am-10:50am (CHM 1221) Lab
Tu..... 1:00pm- 1:50pm (EGR 0102) Dis

7144 (08251) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
Th.....12:00pm- 2:50pm (CHM 1221) Lab
Tu..... 1:00pm- 1:50pm (EGR 3102) Dis

7145 (08252) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
Th.....12:00pm- 2:50pm (CHM 1227) Lab
Tu..... 1:00pm- 1:50pm (EGR 1110) Dis

7147 (08254) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
Th..... 3:00pm- 5:50pm (CHM 1221) Lab
Tu.....12:00pm-12:50pm (EGR 3102) Dis

7154 (08256) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
F.....12:00pm- 2:50pm (CHM 1227) Lab
Tu.....12:00pm-12:50pm (EGR 2112) Dis

7214 (08258) TuTh..... 2:00pm- 3:15pm (CHM 1407) Falvey, D.
M.....12:00pm- 2:50pm (CHM 1227) Lab
M..... 8:00am- 8:50am (EGR 3111) Dis

7217 (08259) TuTh..... 2:00pm- 3:15pm (CHM 1407) Falvey, D.
M..... 3:00pm- 5:50pm (CHM 1227) Lab
M..... 8:00am- 8:50am (CHE 2136) Dis

7221 (08260) TuTh..... 2:00pm- 3:15pm (CHM 1407) Falvey, D.
Tu..... 8:00am-10:50am (CHM 1227) Lab
M..... 8:00am- 8:50am (CHE 2140) Dis

7231 (08261) TuTh..... 2:00pm- 3:15pm (CHM 1407) Falvey, D.
W..... 8:00am-10:50am (CHM 1227) Lab
M..... 9:00am- 9:50am (EGR 1106) Dis

7232 (08262) TuTh..... 2:00pm- 3:15pm (CHM 1407) Falvey, D.
W..... 8:00am-10:50am (CHM 1221) Lab
M..... 9:00am- 9:50am (EGR 0135) Dis

7234 (08263) TuTh..... 2:00pm- 3:15pm (CHM 1407) Falvey, D.
W.....12:00pm- 2:50pm (CHM 1227) Lab
M..... 9:00am- 9:50am (EGR 3111) Dis

7237 (08264) TuTh..... 2:00pm- 3:15pm (CHM 1407) Falvey, D.
W..... 3:00pm- 5:50pm (CHM 1227) Lab
M..... 9:00am- 9:50am (CHE 2136) Dis

7241 (08265) TuTh..... 2:00pm- 3:15pm (CHM 1407) Falvey, D.
Th..... 8:00am-10:50am (CHM 1227) Lab
M..... 9:00am- 9:50am (CHE 2140) Dis

7251 (08266) TuTh..... 2:00pm- 3:15pm (CHM 1407) Falvey, D.
F..... 8:00am-10:50am (CHM 1227) Lab
M..... 8:00am- 8:50am (EGR 1106) Dis

7252 (08267) TuTh..... 2:00pm- 3:15pm (CHM 1407) Falvey, D.
F..... 8:00am-10:50am (CHM 1221) Lab
M..... 8:00am- 8:50am (EGR 0135) Dis

CHEM233H — Organic Chemistry I; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 255.* — 4 credits

0737 (08277) MWF..... 9:00am- 9:50am (CHM 0128) Deshong, P.
W..... 3:00pm- 5:50pm (CHM 1233) Lab
Tu..... 1:00pm- 1:50pm (ARM 0110) Dis

0741 (08278) MWF..... 9:00am- 9:50am (CHM 0128) Deshong, P.
Th..... 8:00am-10:50am (CHM 1233) Lab
Tu.....12:00pm-12:50pm (EGR 1110) Dis

0747 (08279) MWF..... 9:00am- 9:50am (CHM 0128) Deshong, P.
Th..... 3:00pm- 5:50pm (CHM 1233) Lab
Tu..... 1:00pm- 1:50pm (EGR 3110) Dis

CHEM233M — Organic Chemistry I; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 255.* Prerequisite: CHEM 233 taken within twelve months of the semester in which CHEM 233M is taken. A student is eligible to take this course only if the lab scores received in CHEM 233, the last time it was taken, totalled at least 80 percent of the maximum possible total. These scores will count for part of the grade in CHEM 233M. — 4 credits

7114 (08289) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
Tu.....12:00pm-12:50pm (CHE 2120) Dis

7117 (08290) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
Tu.....12:00pm-12:50pm (ARM 0108) Dis

7121 (08291) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
Tu.....12:00pm-12:50pm (CHM 2201) Dis

7127 (08292) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
Tu.....12:00pm-12:50pm (CHE 2145) Dis

7134 (08293) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
Tu..... 1:00pm- 1:50pm (CHE 2120) Dis

7137 (08294) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
Tu..... 1:00pm- 1:50pm (ARM 0108) Dis

7141 (08295) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
Tu..... 1:00pm- 1:50pm (EGR 0102) Dis

7144 (08296) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
Tu..... 1:00pm- 1:50pm (EGR 3102) Dis

7145 (08297) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
Tu..... 1:00pm- 1:50pm (EGR 1110) Dis
7147 (08298) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
Tu.....12:00pm-12:50pm (EGR 3102) Dis
7154 (08299) MWF..... 9:00am- 9:50am (CHM 1407) Herndon, J.
Tu.....12:00pm-12:50pm (EGR 2112) Dis
7214 (08300) TuTh..... 2:00pm- 3:15pm (CHM 1407) Falvey, D.
M..... 8:00am- 8:50am (EGR 3111) Dis
7217 (08301) TuTh..... 2:00pm- 3:15pm (CHM 1407) Falvey, D.
M..... 8:00am- 8:50am (CHE 2136) Dis
7221 (08302) TuTh..... 2:00pm- 3:15pm (CHM 1407) Falvey, D.
M..... 8:00am- 8:50am (CHE 2140) Dis
7231 (08303) TuTh..... 2:00pm- 3:15pm (CHM 1407) Falvey, D.
M..... 9:00am- 9:50am (EGR 1106) Dis
7232 (08304) TuTh..... 2:00pm- 3:15pm (CHM 1407) Falvey, D.
M..... 9:00am- 9:50am (EGR 0135) Dis
7234 (08305) TuTh..... 2:00pm- 3:15pm (CHM 1407) Falvey, D.
M..... 9:00am- 9:50am (EGR 3111) Dis
7237 (08306) TuTh..... 2:00pm- 3:15pm (CHM 1407) Falvey, D.
M..... 9:00am- 9:50am (CHE 2136) Dis
7241 (08307) TuTh..... 2:00pm- 3:15pm (CHM 1407) Falvey, D.
M..... 9:00am- 9:50am (CHE 2140) Dis
7251 (08308) TuTh..... 2:00pm- 3:15pm (CHM 1407) Falvey, D.
M..... 8:00am- 8:50am (EGR 1106) Dis
7252 (08309) TuTh..... 2:00pm- 3:15pm (CHM 1407) Falvey, D.
M..... 8:00am- 8:50am (EGR 0135) Dis

CHEM243 Organic Chemistry II; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 233 Credit will be granted for only one of the following: CHEM 243 or CHEM 245.* Laboratory sessions will begin after the first lecture. — 4 credits

8114 (08319) TuTh.....12:30pm- 1:45pm (CHM 1407) Jarvis, B.
M.....12:00pm- 2:50pm (CHM 1216) Lab
W..... 1:00pm- 1:50pm (CHE 2116) Dis
8117 (08320) TuTh.....12:30pm- 1:45pm (CHM 1407) Jarvis, B.
M..... 3:00pm- 5:50pm (CHM 1216) Lab
W..... 1:00pm- 1:50pm (CHE 2145) Dis
8121 (08321) TuTh.....12:30pm- 1:45pm (CHM 1407) Jarvis, B.
Tu..... 8:00am-10:50am (CHM 1216) Lab
W..... 1:00pm- 1:50pm (EGR 3111) Dis
8131 (08322) TuTh.....12:30pm- 1:45pm (CHM 1407) Jarvis, B.
W..... 8:00am-10:50am (CHM 1216) Lab
W..... 2:00pm- 2:50pm (JMZ 2102) Dis
8137 (08323) TuTh.....12:30pm- 1:45pm (CHM 1407) Jarvis, B.
W..... 3:00pm- 5:50pm (CHM 1216) Lab
W..... 2:00pm- 2:50pm (CHE 2145) Dis
8141 (08324) TuTh.....12:30pm- 1:45pm (CHM 1407) Jarvis, B.
Th..... 8:00am-10:50am (CHM 1216) Lab
W..... 2:00pm- 2:50pm (EGR 3111) Dis
8147 (08325) TuTh.....12:30pm- 1:45pm (CHM 1407) Jarvis, B.
Th..... 3:00pm- 5:50pm (CHM 1216) Lab
W..... 1:00pm- 1:50pm (CHE 2140) Dis
8154 (08326) TuTh.....12:30pm- 1:45pm (CHM 1407) Jarvis, B.
F.....12:00pm- 2:50pm (CHM 1216) Lab
W..... 2:00pm- 2:50pm (CHE 2116) Dis

CHEM243M Organic Chemistry II; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 233 Credit will be granted for only one of the following: CHEM 243 or CHEM 245.* Prerequisite: CHEM 243 taken within twelve months of the semester in which CHEM 243M is taken. A student is eligible to take this course only if the lab scores received in CHEM 243, the last time it was taken, totalled at least 80 percent of the maximum possible total. These scores will count for part of the grade in CHEM 243M. — 4 credits

8114 (08336) TuTh.....12:30pm- 1:45pm (CHM 1407) Jarvis, B.
W..... 1:00pm- 1:50pm (CHE 2116) Dis
8117 (08337) TuTh.....12:30pm- 1:45pm (CHM 1407) Jarvis, B.
W..... 1:00pm- 1:50pm (CHE 2145) Dis
8121 (08338) TuTh.....12:30pm- 1:45pm (CHM 1407) Jarvis, B.
W..... 1:00pm- 1:50pm (EGR 3111) Dis
8131 (08339) TuTh.....12:30pm- 1:45pm (CHM 1407) Jarvis, B.
W..... 2:00pm- 2:50pm (JMZ 2102) Dis
8137 (08340) TuTh.....12:30pm- 1:45pm (CHM 1407) Jarvis, B.
W..... 2:00pm- 2:50pm (CHE 2145) Dis
8141 (08341) TuTh.....12:30pm- 1:45pm (CHM 1407) Jarvis, B.
W..... 2:00pm- 2:50pm (EGR 3111) Dis
8147 (08342) TuTh.....12:30pm- 1:45pm (CHM 1407) Jarvis, B.
W..... 1:00pm- 1:50pm (CHE 2140) Dis
8154 (08343) TuTh.....12:30pm- 1:45pm (CHM 1407) Jarvis, B.
W..... 2:00pm- 2:50pm (CHE 2116) Dis

CHEM374 Technology, Energy and Risk; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. — 3 credits

Prerequisite: completion of USP Distributive Studies Area B
0101 (08353) MWF.....11:00am-11:50am (CHM 1402) Ondov, J.

CHEM398 (PermReq) Special Projects; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number. Limited to chemistry honors students. Consult with Dr. Harwood. — 2 credits

CHEM399 (PermReq) Introduction to Chemical Research; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number. Research plans must have prior approval from Dr. Harwood. — 1-3 credits

CHEM401 Inorganic Chemistry; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 481* — 3 credits
0101 (08455) MWF.....10:00am-10:50am (CHM 0128) Huheey, J.

CHEM403 Radiochemistry; Grade Method: REG/P-F/AUD. *Prerequisite: one year of college chemistry and one year of college physics.* — 3 credits
0101 (08465) MWF.....12:00pm-12:50pm (CHM 0128) Walters, W.

CHEM425 Instrumental Methods of Analysis; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 482, and CHEM 483* — 3 credits
0102 (08475) Tu..... 8:00am- 8:50am (CHM 0128) STAFF
TuTh..... 1:00pm- 4:00pm (CHM 3205) Lab
0104 (08476) Tu..... 8:00am- 8:50am (CHM 0127) STAFF
TuTh..... 9:00am-11:50am (CHM 3205) Lab

CHEM441 Advanced Organic Chemistry; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 481* — 3 credits
0101 (08486) MWF..... 8:00am- 8:50am (CHM 0128) Mariano, P.

CHEM474 Environmental Chemistry; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 481 or equivalent* — 3 credits
0101 (08496) MWF..... 1:00pm- 1:50pm (CHM 0128) Helz, G.

CHEM481 Physical Chemistry I; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153, and MATH 141, and PHYS 142.* — 3 credits
0101 (08506) MWF..... 8:00am- 8:50am (CHM 0115) Reutt, J.
0201 (08507) MWF..... 9:00am- 9:50am (CHM 0115) Alexander, M.

CHEM482 Physical Chemistry II; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 481* — 3 credits
0101 (08517) MWF..... 8:00am- 8:50am (CHM 1402) Weiner, J.

CHEM483 Physical Chemistry Laboratory I; Grade Method: REG/P-F/AUD. *Corequisite: CHEM 481* — 2 credits
0124 (08527) Tu..... 2:00pm- 5:00pm (Arranged) Lab Miller, G.
Tu..... 1:00pm- 1:50pm (CHM 1402) Dis
0134 (08528) W..... 2:00pm- 5:00pm (Arranged) Lab Miller, G.
W..... 1:00pm- 1:50pm (CHM 1402) Dis
0144 (08529) Th..... 2:00pm- 5:00pm (Arranged) Lab Miller, G.
Th..... 1:00pm- 1:50pm (CHM 1402) Dis

CHEM484 Physical Chemistry Laboratory II; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 481 and CHEM 483. Corequisite: CHEM 482.* — 2 credits
0124 (08539) Tu..... 2:00pm- 5:00pm (Arranged) Lab Miller, G.
Tu..... 1:00pm- 1:50pm (CHM 2201) Dis
0134 (08540) W..... 2:00pm- 5:00pm (Arranged) Lab Miller, G.
W..... 1:00pm- 1:50pm (CHM 2201) Dis

CHEM487 Computer Applications in the Biological and Chemical Sciences; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 113 and CHEM 287 or equivalent, and knowledge of a scientific programming language (PASCAL, FORTRAN or "C").* One three-hour laboratory period will be arranged. — 4 credits
0117 (08550) MWF.....11:00am-11:50am (CHM 0128) Murphy, T.
Time and room to be arranged Lab

CHEM482 Advanced Inorganic Chemistry Laboratory; Grade Method: REG/P-F/AUD. *Corequisite: CHEM 401* — 3 credits
0101 (08560) Tu.....11:00am-11:50am (CHM 0124) Grim, S.
MW..... 1:00pm- 4:50pm (CHM 1228) Lab
0201 (08561) Tu.....11:00am-11:50am (CHM 0124) Grim, S.
TuTh..... 1:00pm- 4:50pm (CHM 1228) Lab

CHEM488A Special Topics in Chemistry; Grade Method: REG/P-F/AUD. — 3 credits
0101 (08571) TuTh.....10:00am-10:50am (CHM 0124) O'Haver, T.
Tu..... 1:00pm- 4:00pm (Arranged) Lab
0201 (08572) TuTh.....10:00am-10:50am (CHM 0124) O'Haver, T.
Tu..... 1:00pm- 4:00pm (Arranged) Lab

CHEM488B Special Topics in Chemistry: The Periodic Table D and F Block Elements; Grade Method: REG/P-F/AUD. — 3 credits
0101 (08582) MWF..... 9:00am- 9:50am (CHM 0124) Boyd, A.

CHEM601 Advanced Inorganic Chemistry I; Grade Method: REG/AUD. *Prerequisite: CHEM 401 or equivalent.* — 3 credits
0101 (08592) MWF.....10:00am-10:50am (CHM 2201) Pilato, R.

CHEM605 Chemistry of Coordination Compounds; Grade Method: REG/AUD. *Prerequisite: CHEM 601* — 3 credits
0101 (08602) TuTh..... 9:30am-10:45am (CHM 0119) Grim, S.

CHEM608 Selected Topics in Inorganic Chemistry: Electronegativity; Grade Method: REG/AUD. — 1-3 credits
0101 (08612) MWF..... 1:00pm- 1:50pm (CHM 0124) Huheey, J.

CHEM624 Electrical Methods of Quantitative Analysis; Grade Method: REG/AUD. *Prerequisites: CHEM 421 and CHEM 482 or equivalent.* — 3 credits
0101 (08622) MWF..... 2:00pm- 2:50pm (CHM 0128) Miller, C.

CHEM640 Problems in Organic Reaction Mechanisms; Grade Method: REG/AUD. — 1 credit
0101 (08632) F.....12:00pm-12:50pm (CHM 2201) Mariano, P.

CHEM641 Organic Reaction Mechanisms; Grade Method: REG/AUD. — 3 credits
0101 (08642) MWF..... 8:00am- 8:50am (CHM 2201) Mariano, P.

CHEM648X Special Topics in Organic Chemistry: Library Research; Grade Method: REG/AUD. — 1 credit
0101 (08652) Time and room to be arranged Mariano, P.

CHEM684 Chemical Thermodynamics; Grade Method: REG/AUD. *Prerequisite: CHEM 482 or equivalent.* — 3 credits
0101 (08662) MWF..... 9:00am- 9:50am (CHM 2201) Thirumalai, D.

CHEM690 Quantum Chemistry I; Grade Method: REG/AUD. *Prerequisite: CHEM 485.* — 3 credits
0101 (08672) MWF.....11:00am-11:50am (CHM 0124) Tossell, J.

CHEM699 Special Problems in Chemistry; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number. Open only to non-thesis Master's degree candidates. — 1-6 credits

CHEM799 Master's Thesis Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. — 1-6 credits

CHEM898A Seminar: Analytical, Nuclear and Environmental; Grade Method: REG/AUD. — 1 credit
0101 (08774) F..... 3:00pm- 3:50pm (CHM 0128) Ondov, J.

CHEM898C Seminar: Inorganic; Grade Method: REG/AUD. — 1 credit
0101 (08784) Tu..... 2:00pm- 4:00pm (CHM 0128) Pilato, R.

CHEM898D Seminar: Organic; Grade Method: REG/AUD. — 1 credit
0101 (08794) Tu..... 4:00pm- 6:00pm (CHM 0128) Deshong, P.

CHEM898E Seminar: Physical Chemistry; Grade Method: REG/AUD. — 1 credit
0101 (08804) W..... 4:00pm- 6:00pm (CHM 0128) Reutt, J.

CHEM898F Seminar: Chemical Physics; Grade Method: REG/AUD. — 1 credit
0101 (08814) W..... 4:00pm- 6:00pm (CHM 0128) Reutt, J.

CHEM898G Seminar: Physical Organic; Grade Method: REG/AUD. — 1 credit
0101 (08824) Time and room to be arranged Falvey, D.

CHEM898I Seminar: Organometallics in Organic Synthesis; Grade Method: REG/AUD. — 1 credit
0101 (08834) Time and room to be arranged Herndon, J.

CHEM898J Seminar: Natural Products; Grade Method: REG/AUD. — 1 credit
0101 (08844) Time and room to be arranged Jarvis, B.

CHEM898K Seminar: Photochemistry Mechanistics; Grade Method: REG/AUD. — 1 credit
0101 (08854) Time and room to be arranged Mariano, P.

CHEM898L Seminar: Photochemistry; Grade Method: REG/AUD. — 1 credit
0101 (08864) Time and room to be arranged Mazzocchi, P.

CHEM898M Seminar: Materials Chemistry; Grade Method: REG/AUD. — 1 credit
0101 (08874) Time and room to be arranged Eichhorn, B.

CHEM898N Seminar: Phosphorus Chemistry; Grade Method: REG/AUD. — 1 credit
0101 (08884) Time and room to be arranged Grim, S.

CHEM898O Seminar: Natural Water; Grade Method: REG/AUD. — 1 credit
0101 (08894) Time and room to be arranged Helz, G.

CHEM898P Seminar: Chemical Evolution; Grade Method: REG/AUD. — 1 credit
0101 (08904) W..... 4:00pm- 4:50pm (Arranged) Ponnamperuma, C

CHEM898Q Seminar: Bioorganic Mechanisms; Grade Method: REG/AUD. — 1 credit
0101 (08914) Time and room to be arranged Kozarich, J.

CHEM898R Seminar: Transition Metal Chemistry; Grade Method: REG/AUD. — 1 credit
0101 (08924) Time and room to be arranged Poli, R.

CHEM899 Doctoral Dissertation Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. — 1-8 credits

CHIN Chinese — (Arts and Humanities)

Non-Majors: please refer to the Foreign Language Placement Section of the Schedule of Classes.

CHIN101 Intensive Elementary Chinese I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Non-majors admitted only after a placement interview.* — 6 credits
0102 (09032) MWF..... 9:00am- 9:50am (COL 3111) Chin, T.
MWF.....10:00am-10:50am (COL 3112) Dis
0201 (09033) MWF.....12:00pm-12:50pm (COL 3111) Chin, T.
MWF..... 1:00pm- 1:50pm (COL 3111) Dis
0202 (09034) MWF.....12:00pm-12:50pm (COL 3111) Chin, T.
MWF..... 1:00pm- 1:50pm (COL 3110) Dis

CHIN201 Intermediate Spoken Chinese I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: CHIN 102 or equivalent. Non-majors admitted only after a placement interview.* — 3 credits
0101 (09065) MWF.....10:00am-10:50am (JMZ 0120) STAFF

CHIN202 Intermediate Written Chinese I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: CHIN 103 or equivalent. Non-majors admitted only after a placement interview.* — 3 credits
0101 (09076) MWF.....11:00am-11:50am (COL 3112) Brown, W.

CHIN301 Advanced Chinese I; Grade Method: REG/P-F/AUD. *Prerequisite: CHIN 202 or equivalent. Non-majors admitted only after a placement interview.* — 3 credits
0101 (09106) MWF.....11:00am-11:50am (JMZ 1124) STAFF

CHIN303 Business Chinese I; Grade Method: REG. *Prerequisites: CHIN 203; and CHIN 204 or equivalent. Non-majors admitted only after a placement interview.* — 3 credits
0101 (09116) MWF..... 2:00pm- 2:50pm (JMZ 2117) Shen, H.

CHIN313 Chinese Poetry and Prose in Translation; Grade Method: REG. CORE Distributive Studies Literature Course. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course. — 3 credits
0101 (09126) TuTh.....11:00am-12:15pm (JMZ 2125) Sargent, S.

CHIN314 Chinese Fiction and Drama in Translation; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C: Literature and the Arts Course. — 3 credits
0101 (09136) TuTh..... 9:30am-10:45am (JMZ 2120) Yee, A.

CHIN388C Topics in Chinese Literature in Translation: Special Topics: Read and Speak About China; Grade Method: REG/P-F/AUD. Prerequisites: CHIN 203 and CHIN 204. — 3 credits
0101 (09146) W..... 5:00pm- 5:30pm (JMZ 2102) Chin, T.

CHIN403 Classical Chinese I; Grade Method: REG/P-F/AUD. *Prerequisite: CHIN 302.* — 3 credits
0101 (09156) TuTh..... 9:30am-10:45am (JMZ 0120) Sargent, S.

CHIN415 Readings in Current Newspapers and Periodicals; Grade Method: REG/P-F/AUD. *Prerequisite: CHIN 402 or equivalent. Non-majors admitted only after a placement interview.* — 3 credits
0101 (09166) MWF.....11:00am-11:50am (COL 3109) Shen, H.

CHIN431 Translation and Interpretation I; Grade Method: REG/P-F/AUD. *Prerequisite: CHIN 302 or equivalent and permission of department.* — 3 credits
0101 (09176) MWF..... 2:00pm- 2:50pm (JMZ 0118) Brown, W.

CHIN499 (PermReq) Directed Study in Chinese; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number. — 1-3 credits

CHPH Chemical Physics — (Computer, Mathematical and Physical Sciences)

CHPH709A Seminar in Chemical Physics: Physical Chemistry; Grade Method: REG/AUD. — 1 credit
0101 (09239) W..... 4:00pm- 6:00pm (CHM 0128) Reutt, J.

CHPH709B Seminar in Chemical Physics: Statistical Physics Seminar; Grade Method: REG/AUD. — 1 credit
0101 (09249) Tu..... 1:15pm- 2:30pm (IPT 1116) Fisher, M.

CHPH799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. — 1-6 credits

CHPH899 Doctoral Dissertation Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. — 1-8 credits

CLAS Classics — (Arts and Humanities)

CLAS170 Greek and Roman Mythology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area A: Cultural and Historical Course. Taught in English. — 3 credits
0101 (09337) MW.....12:00pm-12:50pm (ARC 0204) Staley, G.
Th..... 9:00am- 9:50am (ARM 0118) Dis
0102 (09338) MW.....12:00pm-12:50pm (ARC 0204) Staley, G.
F.....10:00am-10:50am (KEY 0120) Dis
0103 (09339) MW.....12:00pm-12:50pm (ARC 0204) Staley, G.
F.....11:00am-11:50am (KEY 0120) Dis
0104 (09340) MW.....12:00pm-12:50pm (ARC 0204) Staley, G.
Th.....10:00am-10:50am (JMZ 0125) Dis
0105 (09341) MW.....12:00pm-12:50pm (ARC 0204) Staley, G.
Th.....11:00am-11:50am (EGR 1108) Dis
0106 (09342) MW.....12:00pm-12:50pm (ARC 0204) Staley, G.
F.....12:00pm-12:50pm (JRN 1104) Dis
0107 (09343) MW.....12:00pm-12:50pm (ARC 0204) Staley, G.
F..... 1:00pm- 1:50pm (JRN 1105) Dis
0108 (09344) MW.....12:00pm-12:50pm (ARC 0204) Staley, G.
Th.....12:00pm-12:50pm (JMZ 0204) Dis
0109 (09345) MW.....12:00pm-12:50pm (ARC 0204) Staley, G.
F..... 9:00am- 9:50am (ASV 3221) Dis
0110 (09346) MW.....12:00pm-12:50pm (ARC 0204) Staley, G.
Tu..... 9:00am- 9:50am (LEF 1222) Dis
0111 (09347) MW.....12:00pm-12:50pm (ARC 0204) Staley, G.
Tu.....10:00am-10:50am (LEF 1222) Dis

CLAS271 Roman Literature in Translation; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. — 3 credits
0101 (09357) MW.....12:00pm-12:50pm (JMZ 0220) Hallett, J.
F.....12:00pm-12:50pm (HJP 1229) Dis
0102 (09358) MW.....12:00pm-12:50pm (JMZ 0220) Hallett, J.
F..... 9:00am- 9:50am (HZF 1101) Dis
0103 (09359) MW.....12:00pm-12:50pm (JMZ 0220) Hallett, J.
F.....11:00am-11:50am (HZF 1101) Dis
0104 (09360) MW.....12:00pm-12:50pm (JMZ 0220) Hallett, J.
Th.....10:00am-10:50am (JMZ 2122) Dis
0105 (09361) MW.....12:00pm-12:50pm (JMZ 0220) Hallett, J.
Th..... 1:00pm- 1:50pm (JMZ 0105) Dis

CLAS470 Advanced Greek and Roman Mythology; Grade Method: REG/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: CLAS 170 or permission of department.* — 3 credits
0101 (09371) MWF..... 2:00pm- 2:50pm (JMZ 0103) Doherty, L.

CLAS499 Independent Study in Classical Languages and Literatures; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number. — 1-3 credits

CLAS899 (PermReq) Independent Study in Classical Civilization; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CLAS799 Master's Thesis Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CMLT Comparative Literature — (Arts and Humanities)

CMLT214 Film Form and Culture; Grade Method: REG/P-F/AUD. — 3 credits
0201 (09449) M..... 1:00pm- 3:30pm (TWS 2154) Marchetti, G.
W..... 1:00pm- 3:00pm (TWS 2154)

CMLT270 Global Literature and Social Change; Grade Method: REG. CORE Distributive Studies Literature Course. CORE Cultural Diversity Course. — 3 credits
0201 (09460) TuTh..... 9:30am-10:45am (ARM 0117) STAFF
0301 (09461) TuTh.....11:00am-12:15pm (JRN 1104) STAFF
0401 (09462) MWF.....11:00am-11:50am (ARC 1105) STAFF
0501 (09463) MWF..... 1:00pm- 1:50pm (TYD 2110) STAFF

CMLT275 World Literature by Women; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. CORE Cultural Diversity Course. — 3 credits
0101 (09473) TuTh..... 2:00pm- 3:15pm (SCP 1117) Bell, V.
0201 (09474) MWF.....11:00am-11:50am (ARC 1103) STAFF

CMLT277 Literatures of the Americas; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. CORE Cultural Diversity Course. — 3 credits
0101 (09484) TuTh.....11:00am-12:15pm (ARC 1123) Bell, V.

CMLT488A Genres: Film (Opera) / Opera (Film); Grade Method: REG/P-F/AUD. — 3 credits
0101 (09494) Th..... 5:30pm- 6:00pm (SCP 2120) Lifton, M.

CMLT488C Genres: Caribbean Literature in English; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. USP Advanced Studies Development of Knowledge Course. — 3 credits

0101 (09504) TuTh..... 9:30am-10:45am (SCP 1103) Meehan, K.
0102 (09505) TuTh.....12:30pm- 1:45pm (SCP 1101) Meehan, K.

CMLT488D Genres: Medieval Myth and Modern Narrative; Grade Method: REG/P-F/AUD. 3 credits
0101 (09515) MWF.....10:00am-10:50am (SCP 1107) Flieger, V.

CMLT488E Genres: The Modern Novel; Grade Method: REG/P-F/AUD. 3 credits
0101 (09525) TuTh.....12:30pm- 1:45pm (SCP 2117) Russell, J.

CMLT488F Genres: Modern Drama; Grade Method: REG/P-F/AUD. 3 credits
0101 (09535) TuTh.....11:00am-12:15pm (SCP 1107) STAFF

CMLT488G Genres: Modern British and American Poetry; Grade Method: REG/P-F/AUD. 3 credits
0101 (09545) TuTh.....11:00am-12:15pm (LEF 1201) Holton, W.

CMLT488I Genres: The Blues and African-American Folksong; Grade Method: REG/P-F/AUD. 3 credits
0101 (09555) MWF..... 2:00pm- 2:50pm (SCP 2117) Pearson, B.

CMLT488J Genres: African American Women Filmmakers; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. 3 credits
0101 (09565) TuTh..... 2:00pm- 4:00pm (TWS 2154) Coustaut, C.

CMLT488A Selected Topics in Comparative Literature: Asian Cinemas and Popular Arts; Grade Method: REG/P-F/AUD. 3 credits
0101 (09575) MW.....11:00am-12:30pm (MMH 0108) Marchetti, G.

CMLT488B Selected Topics in Comparative Literature: Literature and Film as Weapons; Grade Method: REG/P-F/AUD. 3 credits
0101 (09585) Tu..... 2:00pm- 5:00pm (SCP 2121) Fuegi, J.

CMLT488C Selected Topics in Comparative Literature: Women Writers in the Arab World; Grade Method: REG/P-F/AUD. 3 credits
0101 (09595) W..... 2:00pm- 4:30pm (SCP 1119) Cohen-Mor, D.

CMLT488D Selected Topics in Comparative Literature: D'une rive a l'autre; Grade Method: REG/P-F/AUD. 3 credits
0101 (09605) TuTh..... 9:30am-10:45am (JMZ 3118) Conde-Philcox,

CMLT488I (PermReq) Selected Topics in Comparative Literature: East Asian Women; Grade Method: REG/AUD. Prerequisite: WMST 200 or WMST 250 or permission of instructor. 3 credits
0101 (09615) MW..... 2:00pm- 3:15pm (ARM 0119) Kim, S.

CMLT488J Selected Topics in Comparative Literature: Arts, Humanities and Literatures in Seventeenth and Eighteenth Century Europe; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 (09625) TuTh.....11:00am-12:15pm (ARC 1103) Etlin, R.

CMLT488K Selected Topics in Comparative Literature: Women in Early Modern Europe and the Baroque Era; Grade Method: REG/P-F/AUD. Prerequisite: one history class or one literature class of the Early Modern Period. 3 credits
0101 (09635) W..... 2:00pm- 4:30pm (HBK 0117) Becker-Cantarin

CMLT488N Selected Topics in Comparative Literature: Guide of the Perplexed; Grade Method: REG/P-F/AUD. 3 credits
0101 (09645) TuTh..... 3:30pm- 4:45pm (LEF 1220) Butterworth, C.

CMLT488O Selected Topics in Comparative Literature: Philosophy of Literature and Film; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 (09655) TuTh..... 2:00pm- 3:15pm (TYD 0111) Levinson, J.

CMLT488P Selected Topics in Comparative Literature: Yiddish Culture---The Holocaust in Film and Literature; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 (09665) W..... 2:00pm- 4:45pm (JMZ 0220) Bilik, D.

CMLT488T Selected Topics in Comparative Literature: Commonwealth Literature; Grade Method: REG/P-F/AUD. 3 credits
0101 (09675) TuTh..... 2:00pm- 3:15pm (SCP 2122) Russell, J.

CMLT488U (PermReq) Selected Topics in Comparative Literature: Contemporary American Cinema; Grade Method: REG/P-F/AUD. 3 credits
0101 (09685) TuTh.....11:00am- 1:00pm (TWS 2154) Robinson, E.

CMLT488V Selected Topics in Comparative Literature: African-American Folklore and Culture; Grade Method: REG/P-F/AUD. 3 credits
0101 (09695) TuTh..... 2:00pm- 3:15pm (SCP 1107) Fry, G.

CMLT488W Selected Topics in Comparative Literature: Close Analysis of Media; Grade Method: REG/P-F/AUD. 3 credits
0101 (09705) TuTh..... 9:30am-10:45am (TWS 0147) Mashon, K.

CMLT488X Selected Topics in Comparative Literature: Structure and Criticism of Television Advertising; Grade Method: REG/P-F/AUD. 3 credits
0101 (09715) TuTh..... 2:00pm- 3:15pm (TWS 0147) Robinson, E.

CMLT488Y Selected Topics in Comparative Literature: Three Filmmakers: Spielberg, Kubrick, and Scorcese; Grade Method: REG/P-F/AUD. 3 credits
0101 (09725) Tu..... 9:30am-12:00pm (SCP 1119) Kolker, R.
Th..... 9:30am-11:30am (SCP 1119)

CMLT600 Introduction to Critical Theory; Grade Method: REG/AUD. 3 credits
0101 (09735) M..... 2:00pm- 5:00pm (SCP 1119) Kolker, R.

CMLT610 Folklore in Literature; Grade Method: REG/AUD. 3 credits
0101 (09745) M..... 6:30pm- 9:00pm (SCP 3109) Pearson, B.

CMLT658A (PermReq) Studies in Romanticism: Women, Romanticism, and Revolution 1780-1820; Grade Method: REG/AUD. 3 credits
0101 (09755) M..... 3:30pm- 6:00pm (SCP 3105) Lanser, S.

CMLT679A (PermReq) Seminar in Modern and Contemporary Literature: Woman, Nation, Novel; Grade Method: REG/AUD. 3 credits
0101 (09765) Tu..... 3:30pm- 6:00pm (SCP 1119) Peterson, C.

CMLT679B (PermReq) Seminar in Modern and Contemporary Literature: Post-colonialism or Post-modernism?; Grade Method: REG/AUD. 3 credits
0101 (09775) Th..... 2:00pm- 4:30pm (JMZ 3118) Conde-Philcox,

CMLT679C (PermReq) Seminar in Modern and Contemporary Literature: Before and After Writing; Grade Method: REG/AUD. 3 credits
0101 (09785) W..... 3:00pm- 6:00pm (SCP 1105) Fuegi, J.

CMLT679D Seminar in Modern and Contemporary Literature: Non-Traditional Theatre; Grade Method: REG/AUD. 3 credits
0101 (09795) Tu..... 4:00pm- 6:30pm (TWS 0138) Elam, H.

CMLT679G Seminar in Modern and Contemporary Literature: Political Theory; Grade Method: REG/AUD. 3 credits
0101 (09805) Th..... 6:30pm- 9:15pm (LEF 1201) Butterworth, C.

CMLT679I Seminar in Modern and Contemporary Literature: Readings in Medieval History; Grade Method: REG/AUD. 3 credits
0101 (09815) Tu..... 4:30pm- 7:00pm (KEY 2119) Bedos-Rezak, B.

CMLT679K (PermReq) Seminar in Modern and Contemporary Literature: East Asian Women; Grade Method: REG/AUD. Prerequisite: permission of instructor. 3 credits
0101 (09825) MW..... 2:00pm- 3:15pm (ARM 0119) Kim, S.

CMLT679O (PermReq) Seminar in Modern and Contemporary Literature: Transgression in Film and Fiction; Grade Method: REG/AUD. 3 credits
0101 (09835) M..... 3:30pm- 6:00pm (SCP 4116) Kauffman, L.

CMLT679P Seminar in Modern and Contemporary Literature: Literary Research and Critical Contexts; Grade Method: REG/AUD. 3 credits
0101 (09845) Th..... 3:30pm- 6:00pm (SCP 2117) Handelman, S.
0201 (09846) W..... 3:30pm- 6:00pm (SCP 1123) Ray, S.
0301 (09847) M..... 3:30pm- 6:00pm (SCP 2121) Lindemann, M.
0401 (09848) M..... 6:30pm- 9:00pm (SCP 2119) Smith, M.

CMLT679Q (PermReq) Seminar in Modern and Contemporary Literature: Indigenismo y Conciencia Popular en el Area Andina; Grade Method: REG/AUD. 3 credits
0101 (09858) W..... 4:30pm- 7:00pm (JMZ 1117) Sanjines, J.

CMLT679T Seminar in Modern and Contemporary Literature: Power, Gender, and the Spectrum of Difference; Grade Method: REG/AUD. Prerequisite: WMST 400 or permission of department. 3 credits
0101 (09868) M..... 4:00pm- 6:30pm (MIL 1106) Dill, B.

CMLT679W (PermReq) Seminar in Modern and Contemporary Literature: Feminism and Writing Technologies; Grade Method: REG/AUD. Prerequisite: permission of instructor. 3 credits
0101 (09878) W..... 4:30pm- 7:00pm (MIL 1106) King, K.

CMLT679Z Seminar in Modern and Contemporary Literature: Readings in Jewish History; Grade Method: REG/AUD. 3 credits
0101 (09888) W..... 4:30pm- 7:00pm (KEY 1118) Rozenblit, M.
Time and room to be arranged Dis

CMLT699 (PermReq) Independent Study; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CMLT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CMLT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

CMSC Computer Science (Computer, Mathematical and Physical Sciences)

CMSC103 Introduction to Computing; Grade Method: REG/P-F/AUD. 3 credits
0101 (09981) MWF..... 9:00am- 9:50am (CSS 2324) Fontana, M.
0201 (09982) TuTh..... 9:30am-10:45am (CSS 2324) Austing, R.
0301 (09983) TuTh.....11:00am-12:15pm (CSS 2324) Austing, R.

CMSC104 FORTRAN Programming; Grade Method: REG/P-F/AUD. *Prerequisite: MATH 110 Not applicable to the major requirements in computer science. Not open to students who have completed CMSC 110* 4 credits
0101 (09993) MWF.....12:00pm-12:50pm (CLB 0111) STAFF
MW..... 2:00pm- 2:50pm (CLB 0109) Lab
0102 (09994) MWF.....12:00pm-12:50pm (CLB 0111) STAFF
MW..... 3:00pm- 3:50pm (CLB 0109) Lab

CMSC106 Introduction to C Programming; Grade Method: REG/P-F/AUD. *Prerequisite: MATH 110. Not applicable to the major requirements in computer science.* 4 credits
0101 (10004) MWF..... 1:00pm- 1:50pm (CLB 0111) STAFF
MW..... 9:00am- 9:50am (CLB 0109) Lab
0102 (10005) MWF..... 1:00pm- 1:50pm (CLB 0111) STAFF
MW.....10:00am-10:50am (CLB 0104) Lab

CMSC107 Introduction to the UNIX Operating System; Grade Method: REG/P-F/AUD. *Recommended prior experience with computing.* 3 credits
0101 (10015) MWF..... 9:00am- 9:50am (CLB 0111) Plane, J.
0201 (10016) MWF.....10:00am-10:50am (CLB 0111) Plane, J.

CMSC112 Computer Science I; Grade Method: REG/P-F/AUD. *Pre- or corequisite: MATH 140.* All sections of CMSC 112 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided with a make-up exam. 4 credits
0101 (10026) MWF.....11:00am-11:50am (CSS 2324) Fontana, M.
MW..... 1:00pm- 1:50pm (CLB 0102) Lab
0102 (10027) MWF.....11:00am-11:50am (CSS 2324) Fontana, M.
MW..... 2:00pm- 2:50pm (CLB 0102) Lab
0103 (10028) MWF.....11:00am-11:50am (CSS 2324) Fontana, M.
MW..... 1:00pm- 1:50pm (CLB 0104) Lab
0104 (10029) MWF.....11:00am-11:50am (CSS 2324) Fontana, M.
MW..... 2:00pm- 2:50pm (CLB 0104) Lab
0201 (10030) MWF.....12:00pm-12:50pm (CSS 2324) Fontana, M.
MW..... 3:00pm- 3:50pm (CLB 0102) Lab
0202 (10031) MWF.....12:00pm-12:50pm (CSS 2324) Fontana, M.
MW..... 4:00pm- 4:50pm (CLB 0102) Lab
0203 (10032) MWF.....12:00pm-12:50pm (CSS 2524) Fontana, M.
MW..... 3:00pm- 3:50pm (CLB 0104) Lab

CMSC113 Computer Science II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Laboratory Course. *Prerequisites (CMSC 150 and CMSC 112, each with a grade of C or better) or permission of department based on satisfactory performance on the computer science placement exam. Corequisite: MATH 141. Credit will be granted for only one of the following: CMSC 113 and CMSC 120.* All sections of CMSC 113 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided with a make-up exam. 4 credits
0101 (10043) MWF.....11:00am-11:50am (CLB 0111) Plane, J.
MW..... 1:00pm- 1:50pm (CSS 2330) Lab
0102 (10044) MWF.....11:00am-11:50am (CLB 0111) Plane, J.
MW..... 2:00pm- 2:50pm (CSS 2330) Lab
0201 (10045) MWF..... 3:00pm- 3:50pm (CSS 2324) Gannon, J.
MW..... 9:00am- 9:50am (CLB 0102) Lab
0202 (10046) MWF..... 3:00pm- 3:50pm (CSS 2324) Gannon, J.
MW.....10:00am-10:50am (CLB 0102) Lab

CMSC150 Introduction to Discrete Structures; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. *Pre- or corequisite: MATH 140 Formerly CMSC 250.* All sections of CMSC 150 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided with a make-up exam. 3 credits
0101 (10056) MW..... 2:00pm- 2:50pm (CLB 0111) Gasarch, W.
MW..... 9:00am- 9:50am (CSS 2330) Dis
0102 (10057) MW..... 2:00pm- 2:50pm (CLB 0111) Gasarch, W.
MW.....10:00am-10:50am (CSS 2330) Dis
0103 (10058) MW..... 2:00pm- 2:50pm (CLB 0111) Gasarch, W.
MW.....11:00am-11:50am (CSS 2330) Dis

CMSC251 Algorithms; Grade Method: REG/P-F/AUD. *Prerequisite: CMSC 112, and CMSC 150, and MATH 140, a grade of C or better in CMSC 150 and CMSC 112.* 3 credits
0101 (10071) TuTh..... 2:00pm- 3:15pm (CLB 0111) Stewart, G.

CMSC311 (PermReq) Computer Organization; Grade Method: REG/P-F/AUD. *Prerequisite: CMSC 113 with a grade of C or better.* 3 credits
0101 (10081) TuTh.....11:00am-12:15pm (CLB 0111) Agrawala, A.

CMSC330 (PermReq) Organization of Programming Languages; Grade Method: REG/P-F/AUD. *Prerequisite: CMSC 113 with grade of C or better.* 3 credits
0101 (10091) MW.....10:00am-10:50am (CSS 2324) Zelkowitz, M.
F.....10:00am-10:50am (CLB 0102) Dis
0102 (10092) MW.....10:00am-10:50am (CSS 2324) Zelkowitz, M.
F.....11:00am-11:50am (CLB 0102) Dis
0103 (10093) MW.....10:00am-10:50am (CSS 2324) Zelkowitz, M.
F.....10:00am-10:50am (CLB 0104) Dis
0104 (10094) MW.....10:00am-10:50am (CSS 2324) Zelkowitz, M.
F.....11:00am-11:50am (CLB 0104) Dis

CMSC388 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* Prerequisite: written permission of department must be obtained in advance on departmental form. 3 credits

CMSC390 (PermReq) Honors Paper; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: admission to CMSC Honors Program.* 3 credits

CMSC411 (PermReq) Computer Systems Architecture; Grade Method: REG/P-F/AUD. *Prerequisites: a grade of C or better in either CMSC 311 or CMSC 400, and permission of department.* 3 credits
0101 (10191) TuTh..... 9:30am-10:45am (CSS 2330) Ricart, G.
0201 (10192) TuTh.....12:30pm- 1:45pm (CSS 2352) Saltz, J.

CMSC412 (PermReq) Operating Systems; Grade Method: REG/P-F/AUD. *Prerequisites: (a grade of C or better in CMSC 311 and CMSC 330) or a grade of C or better in CMSC 400; and permission of department.* 4 credits
0101 (10202) TuTh..... 2:00pm- 3:15pm (CSS 2330) Salem, K.
MW.....11:00am-11:50am (CLB 0102) Lab
0102 (10203) TuTh..... 2:00pm- 3:15pm (CSS 2330) Salem, K.
MW.....12:00pm-12:50pm (CLB 0102) Lab

CMSC420 (PermReq) Data Structures; Grade Method: REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 330 or CMSC 400, and permission of department.* 3 credits
0101 (10213) TuTh..... 9:30am-10:45am (CLB 0104) Davis, L.
0201 (10214) TuTh.....12:30pm- 1:45pm (CSS 2330) Mount, D.

CMSC424 (PermReq) Database Design; Grade Method: REG/P-F/AUD. *Prerequisite: CMSC 420 with a grade of C or better, and permission of department. Recommended: CMSC 450.* 3 credits
0101 (10224) TuTh.....12:30pm- 1:45pm (CLB 0102) Faloutsos, C.
0201 (10225) TuTh..... 6:30pm- 7:45pm (CLB 0104) STAFF

CMSC430 (PermReq) Theory of Language Translation; Grade Method: REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 330 or CMSC 400, and permission of department.* 3 credits
0101 (10235) TuTh.....11:00am-12:15pm (CLB 0104) STAFF
0201 (10236) TuTh..... 2:00pm- 3:15pm (CSS 2352) Pugh, W.

CMSC435 (PermReq) Software Design and Development; Grade Method: REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 420 and CMSC 430; and permission of department.* 3 credits
0101 (10246) TuTh..... 9:30am-10:45am (CLB 0109) Basili, V.

CMSC450 (PermReq) Logic for Computer Science; Grade Method: REG/P-F/AUD. *Prerequisites: (CMSC 251 and MATH 141) with grade of C or better and permission of department. Also offered as MATH 450. Credit will be granted for only one of the following: MATH 445 or CMSC 450/MATH 450.* 3 credits
0101 (10256) TuTh..... 2:00pm- 3:15pm (MTH 0409) Laskowski, M.

CMSC451 (PermReq) Design and Analysis of Computer Algorithms; Grade Method: REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 113 and CMSC 251, and permission of department.* 3 credits
0101 (10266) TuTh..... 2:00pm- 3:15pm (CLB 0104) Kruskal, C.
0201 (10267) TuTh.....11:00am-12:15pm (CSS 2330) Khuller, S.

CMSC460 (PermReq) Computational Methods; Grade Method: REG/P-F/AUD. *Prerequisites: a grade of C or better in MATH 240 and MATH 241; and CMSC 110 or CMSC 113, and permission of department. Also offered as MAPL 460. Credit will be granted for only one of the following: CMSC/MAPL 460 or CMSC/MAPL 466.* 3 credits
0101 (10277) TuTh.....11:00am-12:15pm (MTH 0101) Vonpetersdorff,
0201 (10278) MWF.....11:00am-11:50am (MTH 0409) Cooper, J.

CMSC466 (PermReq) Introduction to Numerical Analysis I; Grade Method: REG/P-F/AUD. *Prerequisites: a grade of C or better in MATH 240 and MATH 241, and CMSC 110 or CMSC 113, and permission of department. Also offered as MAPL 466. Credit will be granted for only one of the following: CMSC/MAPL 460 or CMSC/MAPL 466.* 3 credits
0101 (10288) MWF.....10:00am-10:50am (MTH B0421) Wolfe, P.
0201 (10289) TuTh..... 2:00pm- 3:15pm (CLB 0109) Oleary, D.

CMSC475 (PermReq) Combinatorics and Graph Theory; Grade Method: REG/P-F/AUD. *Prerequisites: MATH 240 and MATH 241. Also offered as MATH 475.* 3 credits
0101 (10299) TuTh.....12:30pm- 1:45pm (MTH 0401) Rohrlich, D.

CMSC488A (PermReq) Special Problems in Computer Science; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written permission of department required in advance on departmental form. 1-3 credits

CMSC498R Special Problems in Computer Science: Robotics; Grade Method: REG/P-F/AUD. 3 credits
0101 (10355) TuTh..... 3:30pm- 4:45pm (CLB 0102) Hendler, J.

CMSC812 (PermReq) Computer Systems Theory; Grade Method: REG/AUD. *Prerequisites: CMSC 411, and CMSC 412, and STAT 400.* 3 credits
0101 (10363) TuTh..... 2:00pm- 3:15pm (CLB 0102) Gerber, R.

CMSC820 (PermReq) Problem Solving Methods in Artificial Intelligence; Grade Method: REG/AUD. *Prerequisites: CMSC 420, and CMSC 460.* 3 credits
0101 (10373) TuTh.....11:00am-12:15pm (CLB 0102) Subrahmanian, V

CMSC830 (PermReq) Theory of Programming Languages; Grade Method: REG/AUD. *Prerequisite: CMSC 430.* 3 credits
0101 (10383) TuTh..... 9:30am-10:45am (CLB 0102) Porter, A.

CMSC850 (PermReq) Theory of Computing; Grade Method: REG/AUD. *Prerequisite: CMSC 452.* 3 credits
0101 (10393) TuTh..... 3:30pm- 4:45pm (CLB 0104) Smith, C.

CMSC866 (PermReq) Numerical Analysis I; Grade Method: REG/AUD. *Prerequisites: CMSC/MAPL 466, and MATH 410. Also offered as MAPL 666.* 3 credits
0101 (10403) MWF.....11:00am-11:50am (MTH 1311) Osborn, J.

CMSC712 Distributed Algorithms and Verification; Grade Method: REG/AUD. *Prerequisite: CMSC 612 or equivalent.* 3 credits
0101 (10413) TuTh.....11:00am-12:15pm (CLB 0109) Anderson, J.

CMSC798A (PermReq) Graduate Seminar in Computer Science; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. 1-3 credits

CMSC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CMSC818A (PermReq) Advanced Topics in Computer Systems; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. 1-3 credits

CMSC818S (PermReq) Advanced Topics in Computer Systems; Grade Method: REG/AUD. 1-3 credits
0101 (10555) W.....10:00am-12:30pm (CLB 0109) Salem, K.

CMSC818T (PermReq) Advanced Topics in Computer Systems: Topics in Queueing Systems; Grade Method: REG/AUD. 1-3 credits
0101 (10565) W.....12:00pm- 2:00pm (CHE 2118) STAFF

CMSC828A (PermReq) Advanced Topics in Information Processing; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. 1-3 credits

CMSC828M Advanced Topics in Information Processing; Grade Method: REG/AUD. 1-3 credits
0101 (10619) TuTh.....12:30pm- 1:45pm (Arranged) Minker, J.

CMSC828N Advanced Topics in Information Processing; Grade Method: REG/AUD. 1-3 credits
0101 (10629) TuTh.....12:30pm- 1:45pm (Arranged) Nau, D.

CMSC828R Advanced Topics in Information Processing: Machine Learning; Grade Method: REG/AUD. 1-3 credits
0101 (10639) TuTh..... 2:00pm- 3:15pm (Arranged) Reggia, J.

CMSC828S Advanced Topics in Information Processing; Grade Method: REG/AUD. 1-3 credits
0101 (10649) TuTh..... 9:30am-10:45am (CHE 2118) Shneiderman, B.

CMSC838A (PermReq) Advanced Topics in Programming Languages; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. 1-3 credits

CMSC858A (PermReq) Advanced Topics in Theory of Computing; Grade Method: REG/AUD. Individual Instruction course: 1-3 credits

contact department or instructor to obtain section number. Prerequisite: permission of instructor.

CMSC858M (PermReq) — Advanced Topics in Theory of Computing; Grade Method: REG/AUD. — 1-3 credits
0101 (10746) Time and room to be arranged — Miller, R.

CMSC878A (PermReq) — Advanced Topics in Numerical Methods; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. — 1-3 credits

CMSC878O — Advanced Topics in Numerical Methods: Advanced Numerical Optimization; Grade Method: REG/AUD. Also offered as MAPL 607. — 3 credits

0101 (10799) TuTh.....12:30pm- 1:45pm (CLB 0104) — Olsary, D.

CMSC899 — Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

CNEC Consumer Economics (Human Ecology)

CNEC298 (PermReq) — Special Topics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Majors only or permission of department. — 1-3 credits

CNEC310 — Consumer Economics and Public Policy; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. *Prerequisites: ECON 201, and ECON 203.* Last time course will be offered. Department permission not required this last offering. — 3 credits

0101 (10911) TuTh..... 2:00pm- 3:15pm (TYD 1118) — Dardis, R.

CNEC388 (PermReq) — Field Work and Analysis in Consumer Economics; Grade Method: S-F. Limited to department majors or permission of department. — 3-6 credits
0101 (10921) Time and room to be arranged — Ettenson, R.

CNEC400 — Research Methods; Grade Method: REG/P-F/AUD. *Prerequisite: MATH 110 or MATH 115. Not open to students who have completed TEXT 400 or BMGT 230.* Course will not be offered again. Majors only or permission of department. — 3 credits

0101 (10931) MWF.....11:00am-11:50am (MMH 1304) — Whittington, L.

CNEC410 — Consumer Finance; Grade Method: REG/P-F/AUD. *Prerequisites: ECON 201, and ECON 203. Also offered as FMCD 441. Credit will be granted for only one of the following: FMCD 441 or CNEC 410.* Majors only or permission of department. Last time course will be offered as CNEC 410. — 3 credits

0101 (10941) TuTh..... 5:00pm- 6:15pm (MMH 0108) — Mokhtari, M.

CNEC431 — The Consumer and the Law; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Junior standing. Course will not be offered again. — 3 credits
0501 (10951) Tu..... 3:00pm- 5:30pm (MMH 1304) — Brannigan, V.

CNEC437 — Consumer Behavior; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. *Prerequisites: PSYC 100, and SOCY 100. Also offered as HLTH 437. Credit will be granted for only one of the following: CNEC 437 or HLTH 437.* Junior standing. Last time course will be offered as CNEC 437. — 3 credits
0201 (10961) TuTh.....11:00am-12:15pm (MHP 0308) — Ettenson, R.
0301 (10962) MWF..... 8:00am- 8:50am (MMH 1304) — Hacklander, E.

CNEC498 (PermReq) — Special Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Majors only or permission of department. — 2-4 credits

CONS Sustainable Develop. & Conserv. Biology (Life Sciences)

CONS608 — Seminar in Sustainable Development and Conservation Biology; Grade Method: REG. — 1-2 credits
0101 (11110) M.....12:00pm- 1:00pm (ZOP 2277) — Dietz, J.

CONS680 (PermReq) — Problem Solving in Conservation/Development; Grade Method: REG/AUD. *Prerequisite: permission of department.* This course is taught in the fall semester only. — 4 credits
0101 (11120) Th..... 2:00pm- 6:00pm (ZOP 2277) — Dietz, J.

CONS799 (PermReq) — Masters Thesis Research; Grade Method: REG/S-F. — 1-2 credits
1111 (11130) Time and room to be arranged — Inouye, D.
1112 (11131) Time and room to be arranged — Dietz, J.

COOP Cooperative Education Program (Undergraduate Studies)

COOP089 — Co-Op Work Experience; Grade Method: S-F. Permission of Co-op program director required. Obtain signature and more information at Experiential Learning Programs, 0119 Hornbake Library. For special fees see the Financial Information section of the Schedule of Classes. — No credit
0101 (11181) Time and room to be arranged — Carbone, J.

DANC Dance (Arts and Humanities)

DANC100 — Modern Dance I for Non-Majors; Grade Method: REG/P-F/AUD. — 2 credits
0101 (11302) MWF..... 2:00pm- 2:50pm (PKT 2102) Lab — Jackson, P.
0102 (11303) TuTh.....12:30pm- 1:45pm (PKT 2102) Lab — Warren, L.
0103 (11304) TuTh..... 3:30pm- 4:45pm (PKT 2102) Lab — Mayes, A.
0104 (11305) TuTh..... 2:00pm- 3:15pm (PKT 2102) Lab — Rolland, E.

DANC102 — Rhythmic Training for Dance; Grade Method: REG/P-F/AUD. — 2 credits
0101 (11515) TuTh..... 9:30am-10:45am (DNC 1136) Lab — Johnson, I.

DANC104 — Modern Dance II for Non-Majors; Grade Method: REG/P-F/AUD. *Prerequisite: DANC 100* — 2 credits
0101 (11325) TuTh..... 5:00pm- 6:15pm (PKT 2102) Lab — Mayes, A.

DANC108 — Improvisation I; Grade Method: REG/P-F/AUD. Majors have priority. Non-majors admitted on a space available basis. — 2 credits
0101 (11335) TuTh.....11:00am-12:15pm (DNC 1105) Lab — Rosen, M.

DANC124 — Ballet I for Non-Majors; Grade Method: REG/P-F/AUD. — 2 credits
0101 (11345) MWF.....10:00am-10:50am (PKT 2102) Lab — Druker, S.
0102 (11346) MWF.....11:00am-11:50am (PKT 2102) Lab — Druker, S.
0103 (11347) MWF.....12:00pm-12:50pm (PKT 2102) Lab — Druker, S.

DANC138 — Introduction to Ethnic Dance: Introduction to Ethnic Dance: West African; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. — 2 credits
0101 (11357) TuTh..... 9:30am-10:45am (DNC 1105) Lab — Frosch-Schroder

DANC154 — Jazz I for Non-Majors; Grade Method: REG/P-F/AUD. — 2 credits
0101 (11367) MW..... 3:30pm- 4:45pm (PKT 2102) Lab — Mayes, A.

DANC199B — Practicum in Choreography, Production and Performance I: Workshop for Men; Grade Method: REG/P-F/AUD. — 1 credit
0101 (11387) M..... 5:00pm- 6:30pm (DNC 1136) Lab — Wiltz, A.

DANC200 — Introduction to Dance; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course. Lecture/discussion only - no studio activity. — 3 credits
0101 (11397) MWF.....11:00am-11:50am (DNC 1143) — Fleitell, S.
0201 (11398) TuTh.....11:00am-12:15pm (DNC 1143) — Frosch-Schroder
0301 (11399) MWF.....12:00pm-12:50pm (DNC 1143) — Fleitell, S.
0401 (11400) TuTh..... 2:00pm- 3:15pm (DNC 1143) — Rosen, M.

DANC208 — Choreography I; Grade Method: REG/P-F/AUD. Prerequisites: DANC 102 and DANC 109. — 3 credits
0101 (11410) MWF..... 2:00pm- 3:20pm (DNC 1136) Lab — Warren, L.

DANC210 — Dance Production; Grade Method: REG/P-F/AUD. — 3 credits
0101 (11420) MWF..... 3:30pm- 4:50pm (DNC 1105) — Jackson, P.

DANC228 — Ballet I for Majors; Grade Method: REG/P-F/AUD. Prerequisite: DANC 129 or audition. — 2 credits
0101 (11430) TuTh..... 2:00pm- 3:15pm (DNC 1136) Lab — Druker, S.

DANC229 — Ballet II for Majors; Grade Method: REG/P-F/AUD. Prerequisite: DANC 228 or audition. — 2 credits
0101 (11440) TuTh.....12:30pm- 1:45pm (DNC 1136) Lab — Druker, S.

DANC248 (PermReq) — Modern Dance I for Majors; Grade Method: REG/P-F/AUD. — 3 credits
0101 (11450) MWF.....11:00am-12:20pm (DNC 1136) Lab — Wiltz, A.

DANC249 — Modern Dance II for Majors; Grade Method: REG/P-F/AUD. — 3 credits
0101 (11460) MWF.....11:00am-12:20pm (DNC 1136) Lab — Wiltz, A.

DANC258 — Jazz II; Grade Method: REG/P-F/AUD. Prerequisites: (DANC 154 or DANC 158) and (DANC 104 or DANC 149). Majors have priority: non-majors admitted on a space available basis. — 2 credits
0101 (11470) TuTh..... 2:00pm- 3:15pm (DNC 1105) Lab — Frosch-Schroder

DANC305 — Principles of Teaching Dance; Grade Method: REG/P-F/AUD. *Prerequisites: DANC 102, DANC 208, and DANC 248* — 3 credits
0101 (11490) TuTh..... 3:30pm- 4:45pm (DNC 1135) Lab — Warren, A.

DANC328 — Ballet III; Grade Method: REG/P-F/AUD. — 2 credits
0101 (11500) TuTh.....11:00am-12:15pm (DNC 1136) Lab — Druker, S.

DANC329 — Ballet IV; Grade Method: REG/P-F/AUD. — 2 credits
0101 (11510) TuTh.....11:00am-12:15pm (DNC 1136) Lab — Druker, S.

DANC348 — Modern Dance III for Majors; Grade Method: REG/P-F/AUD. Prerequisite: DANC 249 or audition. — 3 credits
0101 (11520) MWF.....12:30pm- 1:50pm (DNC 1105) Lab — Warren, A.

DANC365 — Labanotation; Grade Method: REG/P-F/AUD. *Prerequisites: DANC 102 and DANC 248. Formerly DANC 266* — 3 credits
0101 (11530) TuTh.....11:00am-12:15pm (PKT 2102) — Warren, A.

DANC388 — Choreography III; Grade Method: REG/P-F/AUD. — 3 credits
0101 (11551) MWF..... 3:30pm- 4:45pm (DNC 1136) Lab — Rosen, M.

DANC448 — Modern Dance V for Majors; Grade Method: REG/P-F/AUD. — 3 credits
0101 (11581) MWF..... 2:00pm- 3:20pm (DNC 1105) Lab — Mayes, A.

DANC448 (PermReq) — Modern Dance VI for Majors; Grade Method: REG/P-F/AUD. — 3 credits
0101 (11591) MWF..... 2:00pm- 3:20pm (DNC 1105) Lab — Mayes, A.

DANC483 — History of Dance II; Grade Method: REG/P-F/AUD. *Prerequisite: DANC 200* — 3 credits
0101 (11601) MWF.....10:00am-10:50am (DNC 1143) — Warren, L.

DANC489 (PermReq) — Practicum in Choreography, Production and Performance IV; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 399. — 1-6 credits

DESN Design (Arts and Humanities)

DESN320 — Illustration I; Grade Method: REG. *Prerequisites: DESN 210, and DESN 230. For advertising design majors only. Credit will be granted for only one of the following: APDS 320 or DESN 320. Formerly APDS 320.* Attendance on the first day of classes is mandatory. — 3 credits
0101 (11670) Tu..... 3:00pm- 4:00pm (MMH 1413) Lab — Lozner, R.
Th..... 1:00pm- 4:00pm (MMH 1413) Lab

DESN331 — Advertising Design Studio I; Grade Method: REG. *Prerequisites: DESN 231, and DESN 320. For advertising communication design majors only. Credit will be granted for only one of the following: APDS 331 or DESN 331. Formerly APDS 331.* Attendance on the first day of classes is mandatory. — 3 credits
0101 (11681) M..... 3:00pm- 4:00pm (MMH 1413) Lab — Spellman, M.
W..... 1:30pm- 4:30pm (MMH 1413) Lab

DESN380 — History, Culture and Design; Grade Method: REG/P-F/AUD. *Prerequisite: ARTH 200* — 3 credits
0101 (11702) WF.....12:00pm- 1:15pm (ASY 3219) — Tasi, P.

DESN380 — Professional Practices in Visual Communication Design; Grade Method: REG. *Prerequisite: DESN 430. For advertising design majors only. Credit will be granted for only one of the following: APDS 380 or DESN 380. Formerly APDS 380.* Attendance on the first day of classes is mandatory. — 3 credits
0101 (11712) M.....10:30am- 1:00pm (MMH 2411) — Thorpe, J.
W.....11:00am-12:00pm (MMH 2411) Lab

DESN388 (PermReq) — Experiential Learning; Grade Method: REG/P-F. Individual instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

DESN430 — Advertising Design Studio II; Grade Method: REG. *Prerequisite: DESN 320, and DESN 331. For advertising design majors only. Credit will be granted for only one of the following: DESN 430 or APDS 430. Formerly APDS 430.* Attendance on the first day of classes is mandatory. — 3 credits
0101 (11728) M..... 9:00am-10:00am (MMH 2411) — Thorpe, J.
W..... 8:00am-11:00am (MMH 2411) Lab

DESN444 — Professional Practices in Interior Design; Grade Method: REG. *Prerequisite: DESN 343. For interior design majors only. Credit will be granted for only one of the following: DESN 444 or HSAD 345. Formerly HSAD 345.* Attendance on the first day of classes is mandatory. Offered fall only. — 3 credits
0101 (11738) TuTh..... 8:00am- 9:15am (MMH 2411) — Hackley, R.

DESN471 — Computer Imaging for Design and Illustration; Grade Method: REG. *Prerequisite: DESN 210, and DESN 211; and DESN 300 or permission of department. For advertising design majors only.* Attendance on the first day of classes is mandatory. — 3 credits
0101 (11748) M..... 1:00pm- 2:00pm (MMH 1413A) — STAFF
W..... 1:15pm- 5:15pm (MMH 1413A) Lab

DESN499A — Individual Study in Design: Individual Problems in Applied Design; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-4 credits

DESN499B (PermReq) — Individual Study in Design: Individual Study in Housing and/or Interior Design; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-4 credits

DESN499D — Individual Study in Design: Core; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-4 credits

EALL East Asian Languages and Literatures (Arts and Humanities)

EALL300 — The Languages of East Asia; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. CORE Cultural Diversity Course. — 3 credits
0101 (11817) MW.....12:00pm- 1:15pm (LEF 1222) — Ramsey, S.

ECON Economics (Behavioral and Social Sciences)

ECON201 — Principles of Economics I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. *Credit will be granted for only one of the following: ECON 201 or ECON 205* — 3 credits
0101 (11877) MWF..... 9:00am- 9:50am (TYD 0102) — STAFF
0301 (11878) MWF.....12:00pm-12:50pm (WDS 1114) — STAFF
0401 (11879) TuTh.....11:00am-12:15pm (TYD 1132) — STAFF
0501 (11880) MWF.....10:00am-10:50am (TYD 0102) — STAFF
0601 (11881) MWF..... 2:00pm- 2:50pm (TYD 0102) — STAFF
0701 (11882) TuTh..... 6:00am- 9:15am (WDS 1114) — STAFF
0801 (11883) TuTh..... 3:30pm- 4:45pm (ARM 0116) — STAFF
0901 (11884) TuTh..... 2:00pm- 3:15pm (ARM 0105) — STAFF
1001 (11885) TuTh.....12:30pm- 1:45pm (TYD 2111) — STAFF
1101 (11886) MWF..... 1:00pm- 1:50pm (WDS 1114) — STAFF
1201 (11887) MWF.....11:00am-11:50am (TYD 2110) — STAFF
1601 (11888) TuTh..... 9:30am-10:45am (TYD 0101) — STAFF
2101 (11889) MW..... 9:00am- 9:50am (TYD 0130) — Dorsey, J.
W..... 8:00am- 8:50am (TYD 0101) Dis
2102 (11890) MW..... 9:00am- 9:50am (TYD 0130) — Dorsey, J.
M..... 1:00pm- 1:50pm (TYD 2106) Dis
2103 (11891) MW..... 9:00am- 9:50am (TYD 0130) — Dorsey, J.
W.....10:00am-10:50am (TYD 2108) Dis
2104 (11892) MW..... 9:00am- 9:50am (TYD 0130) — Dorsey, J.
F.....10:00am-10:50am (TYD 2110) Dis
2105 (11893) MW..... 9:00am- 9:50am (TYD 0130) — Dorsey, J.
M..... 8:00am- 8:50am (TYD 0101) Dis
2106 (11894) MW..... 9:00am- 9:50am (TYD 0130) — Dorsey, J.
W..... 1:00pm- 1:50pm (TYD 1132) Dis
2107 (11895) MW..... 9:00am- 9:50am (TYD 0130) — Dorsey, J.
F.....11:00am-11:50am (TYD 1114) Dis
2108 (11896) MW..... 9:00am- 9:50am (TYD 0130) — Dorsey, J.
F..... 9:00am- 9:50am (TYD 1132) Dis
2109 (11897) MW..... 9:00am- 9:50am (TYD 0130) — Dorsey, J.
F.....12:00pm-12:50pm (TYD 2100) Dis
2110 (11898) MW..... 9:00am- 9:50am (TYD 0130) — Dorsey, J.
W.....12:00pm-12:50pm (TYD 1132) Dis
2111 (11899) MW..... 9:00am- 9:50am (TYD 0130) — Dorsey, J.
M.....12:00pm-12:50pm (TYD 1132) Dis
2114 (11900) MW..... 9:00am- 9:50am (TYD 0130) — Dorsey, J.
F..... 1:00pm- 1:50pm (TYD 2100) Dis
2115 (11901) MW..... 9:00am- 9:50am (TYD 0130) — Dorsey, J.
M..... 1:00pm- 1:50pm (ARC 1105) Dis
2116 (11902) MW..... 9:00am- 9:50am (TYD 0130) — Dorsey, J.
M.....10:00am-10:50am (TYD 2100) Dis
2119 (11903) MW..... 9:00am- 9:50am (TYD 0130) — Dorsey, J.
F.....11:00am-11:50am (TYD 2100) Dis

ECON201H — Principles of Economics I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. *Credit will be granted for only one of the following: ECON 201 or ECON 205* — 3 credits
0101 (11913) MWF.....11:00am-11:50am (TYD 0102) — Dorsey, J.

ECON203 — Principles of Economics II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. *Recommended: ECON 201* — 3 credits
1301 (11923) MWF..... 9:00am- 9:50am (TYD 1114) — STAFF
1601 (11924) MWF..... 2:00pm- 2:50pm (TYD 2110) — STAFF
2101 (11925) TuTh..... 2:00pm- 2:50pm (TYD 0130) — Weinstein, P.
M.....11:00am-11:50am (DNC 1139B) Dis
2102 (11926) TuTh..... 2:00pm- 2:50pm (TYD 0130) — Weinstein, P.
M.....12:00pm-12:50pm (TYD 2108) Dis
2103 (11927) TuTh..... 2:00pm- 2:50pm (TYD 0130) — Weinstein, P.
F..... 9:00am- 9:50am (TYD 2106) Dis
2104 (11928) TuTh..... 2:00pm- 2:50pm (TYD 0130) — Weinstein, P.
F.....11:00am-11:50am (TYD 1132) Dis
2105 (11929) TuTh..... 2:00pm- 2:50pm (TYD 0130) — Weinstein, P.
M..... 1:00pm- 1:50pm (TYD 1132) Dis
2106 (11930) TuTh..... 2:00pm- 2:50pm (TYD 0130) — Weinstein, P.
F..... 1:00pm- 1:50pm (TYD 1114) Dis
2107 (11931) TuTh..... 2:00pm- 2:50pm (TYD 0130) — Weinstein, P.
W.....10:00am-10:50am (TYD 2100) Dis
2108 (11932) TuTh..... 2:00pm- 2:50pm (TYD 0130) — Weinstein, P.
F.....12:00pm-12:50pm (TYD 2106) Dis
2109 (11933) TuTh..... 2:00pm- 2:50pm (TYD 0130) — Weinstein, P.
W.....11:00am-11:50am (TYD 1132) Dis
2110 (11934) TuTh..... 2:00pm- 2:50pm (TYD 0130) — Weinstein, P.
F.....10:00am-10:50am (TYD 1132) Dis
2111 (11935) TuTh..... 2:00pm- 2:50pm (TYD 0130) — Weinstein, P.
M..... 9:00am- 9:50am (TYD 2108) Dis
2112 (11936) TuTh..... 2:00pm- 2:50pm (TYD 0130) — Weinstein, P.
W..... 1:00pm- 1:50pm (HZH 1108) Dis
2113 (11937) TuTh..... 2:00pm- 2:50pm (TYD 0130) — Weinstein, P.
W..... 2:00pm- 2:50pm (TYD 0111) Dis
2114 (11938) TuTh..... 2:00pm- 2:50pm (TYD 0130) — Weinstein, P.
M.....10:00am-10:50am (TYD 1114) Dis
2115 (11939) TuTh..... 2:00pm- 2:50pm (TYD 0130) — Weinstein, P.
W.....12:00pm-12:50pm (TYD 2108) Dis

ECON203H — Principles of Economics II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. *Recommended: ECON 201* — 3 credits
0101 (11949) TuTh..... 8:00am- 9:15am (TYD 0102) — Weinstein, P.

ECON205 — Fundamentals of Economics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. *Students in the College of Business and Management are required to take ECON 201 and should not take ECON 205. Not open to students who have completed ECON 201. Credit will be granted for only one of the following: ECON 201 or ECON 205.* — 3 credits
0701 (11959) MW..... 2:00pm- 2:50pm (TYD 0130) — Dorsey, J.
M..... 9:00am- 9:50am (TYD 2110) Dis
0703 (11960) MW..... 2:00pm- 2:50pm (TYD 0130) — Dorsey, J.
F..... 9:00am- 9:50am (JRN 1104) Dis
0704 (11961) MW..... 2:00pm- 2:50pm (TYD 0130) — Dorsey, J.
F.....12:00pm-12:50pm (JRN 1105) Dis
0705 (11962) MW..... 2:00pm- 2:50pm (TYD 0130) — Dorsey, J.
M..... 1:00pm- 1:50pm (TYD 0101) Dis
0706 (11963) MW..... 2:00pm- 2:50pm (TYD 0130) — Dorsey, J.
F..... 1:00pm- 1:50pm (TYD 2106) Dis
0707 (11964) MW..... 2:00pm- 2:50pm (TYD 0130) — Dorsey, J.
M.....11:00am-11:50am (TYD 1132) Dis
0710 (11965) MW..... 2:00pm- 2:50pm (TYD 0130) — Dorsey, J.
W..... 1:00pm- 1:50pm (TYD 0101) Dis
0712 (11966) MW..... 2:00pm- 2:50pm (TYD 0130) — Dorsey, J.
F.....11:00am-11:50am (JRN 1104) Dis
0715 (11967) MW..... 2:00pm- 2:50pm (TYD 0130) — Dorsey, J.
M.....10:00am-10:50am (TYD 2110) Dis

ECON305 — Intermediate Macroeconomic Theory and Policy; Grade Method: REG/P-F/AUD. *Prerequisites: ECON 201; and ECON 203; and MATH 220. Credit will be granted for only one of the following: ECON 305 or ECON 405. Formerly ECON 401.* — 3 credits
0101 (11977) TuTh.....11:00am-12:15pm (TYD 0101) — Sakellaris, P.
0201 (11978) MWF..... 2:00pm- 2:50pm (TYD 2106) — STAFF

Course Listings Continued on page 59

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196 Academic Dishonesty
475 Academic Integrity
214 Aerospace Engineering
485 After Hours Care
211 Agricultural Engineering
263 Alumni Association
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213 Biology 106
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237 CCJS
204 CLEP
197 CORE
238 CRIM 107
482 Candidate Referral Program
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497 Career Resource Center - Service Hours
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336 Coping with Stress
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247 Engineering Research Center
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202 GMAT
206 GRE
222 GVPT 170
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101 Graduate Application Process
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486 Health Center Information
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155 How to Contact Financial Aid
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335 How to Handle Fears
334 How to deal with Loneliness
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225 Journalism - Undergraduate
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221 Journalism Special Events
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338 The Male Sex Role: Changes and Stress
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108 Withdrawing From/Returning to the University
492 Women's Health Clinic
260 Women's Studies Program

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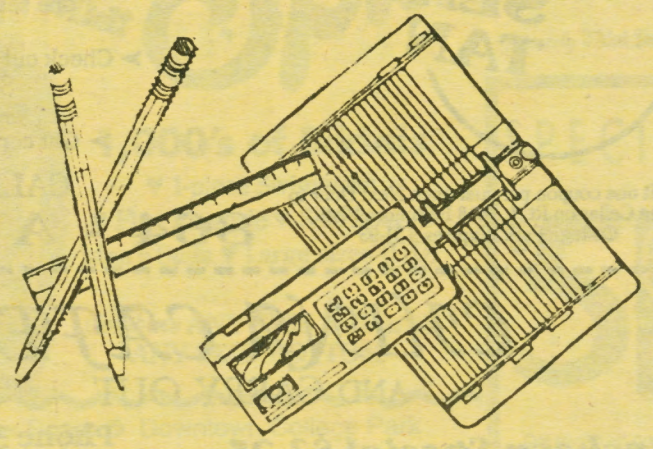

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Mondays through Saturdays 3:00PM-7:00PM.
$2.00 Vodka juice drinks $1.50 Busch Beers
$1.75 Domestic Beers.

Monday
3-7:00PM Happy Hour
9:00PM Domestic Lite Nite, $1.75 domestics.

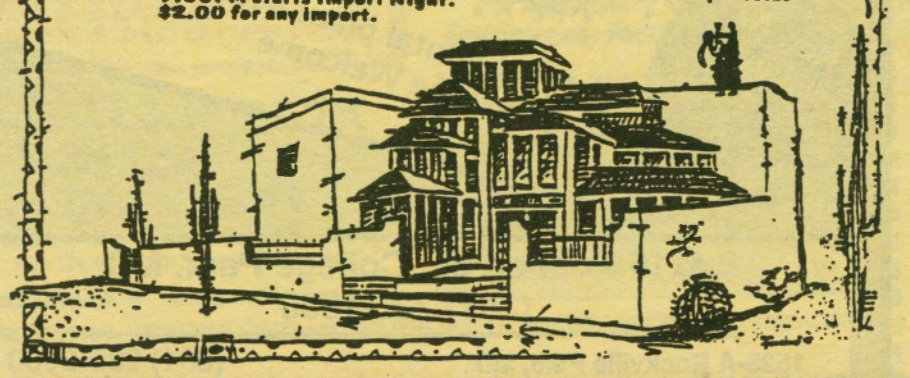
Tuesday
3-7:00PM Happy Hour
9:00PM is $1.00 Bud and Bud Light.

Wednesday
3-7:00PM Happy Hour
9:00PM starts Import Night.
$2.00 for any import.

Thursday
3-7:00Pm Happy Hour
9-11:00PM $1.50 MILLER GENUINE AND MILLER LITE
$2.00 ABSOLUT DRINKS
$2.00 LEMON DROPS

Friday
3-7:00PM Biggest End of the Week Happy Hour in College Park! Be There!

Saturday
3-7:00PM Happy Hour
Great weekend food specials.



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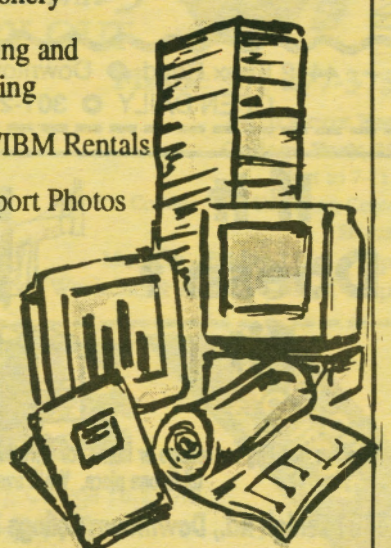

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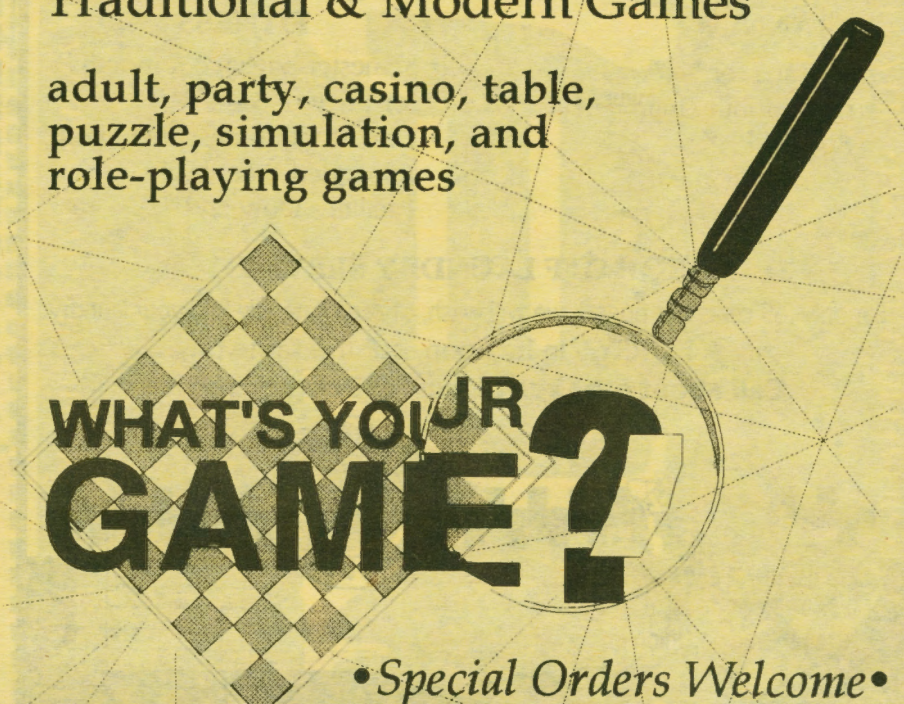

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Featuring Fresh Baked Otis Spunkmeyer Cookies

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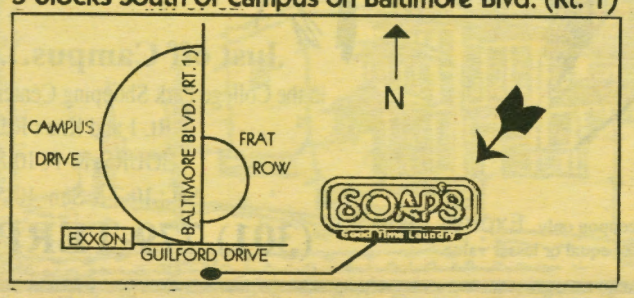

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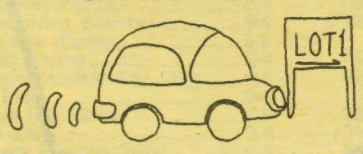
INFO

INFO is the university's on-line information system available to anyone with access to the University of Maryland computer network. Through INFO you have access to:

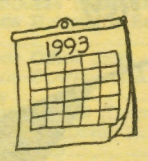
Student Groups

World News

Campus Services



Campus Calendars



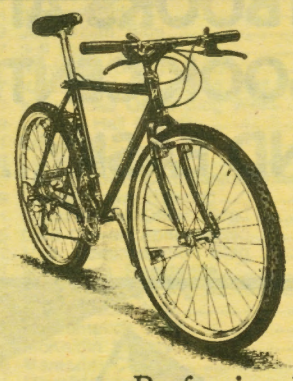
Academic Information

Environmental Issues

To use INFO you can: go to any WAM lab and select INFO from the main menu or you can dial 403-4333 from a modem and telnet to INFO. Now you can also stop by the Stamp Student Union Information Desk to use their public access terminal.

To add calendar events or student groups call 314-8439.

PROTEUS BIKE & FITNESS



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Steak	3.50	7.00
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Steak'n Egg	3.50	7.00
Steak'n Mushroom	3.50	7.00
Steak'n Green Pepper	3.50	7.00
Steak'n Bacon	3.50	7.00
Pizza Steak'n Cheese	3.75	7.45
Veal Parmesan	3.50	7.00
Assorted Cheese	3.50	7.00
Ham'n Turkey	3.50	7.00
Tuna	3.50	7.00
Italian Cold Cut	3.50	7.00
Turkey	3.50	7.00
Turkey'n Cheese	3.50	7.00
Ham	3.50	7.00
Ham'n Cheese	3.50	7.00
Hamburger	3.50	7.00
Cheeseburger	3.50	7.00
Bacon Cheeseburger	3.75	7.45
Mushroom, Egg'n Cheese	3.50	7.00
Green pepper, Egg'n Cheese	3.50	7.00
Meatball'n Cheese	3.50	7.00
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FROM FANNY'S FARM
MOST SUBS SERVED WITH LETTUCE, TOMATO, MAYO, ONION & PICKLE AT NO EXTRA COST. HOT PEPPERS 15¢ EXTRA.

PIZZA

My Homemade Pizza is made with Fresh Dough, a blend of herbs and spices, and Italian Tomatoes topped with Mozzarella, Provolone & Parmesan Cheese,
Fanny

FRESH DOUGH PIZZA
With Homemade Pizza Sauce
Small $5.80 Large: $7.90

EXTRA TOPPINGS
Black Olives, Bacon, Green Peppers, Meatballs, Mushrooms, Onions, Pepperoni and Sausage
Small: $1.25 Large $1.50

EXTRA CHEESE
Small $1.50 Large $2.00

SPECIAL DELIGHTS

CHICAGO STYLE STUFFED PIZZA
A golden layer of fresh dough smothered under a blanket of seasoned meatballs, a triple-cheese melt of Provolone, Mozzarella and Parmesan, gently covered with another layer of dough and my homemade sauce and topped with a sprinkling of Parmesan cheese
Large: 11.75
EXTRA TOPPINGS: **1.25**

MEXICAN PIZZA
Features re-fried beans, special blend of Monterrey Jack and jalapeno peppers and black olives, nestled on my freshly baked dough and homemade sauce
Small: 7.65 Large: 10.50

FANNY'S FINEST
A Pizza with a little bit of everything
Small: 11.50 Large: 13.50

WHITE PIZZA
Layer of Fresh Homemade crust with butter, Provolone, Mozzarella & Parmesan Cheese, and Italian seasonings
Small: 6.30 Large: 8.65

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1. FIND THE SECTION MARKED WITH THE FOUR LETTER ABRIDGEMENT FOR YOUR DEPARTMENT.

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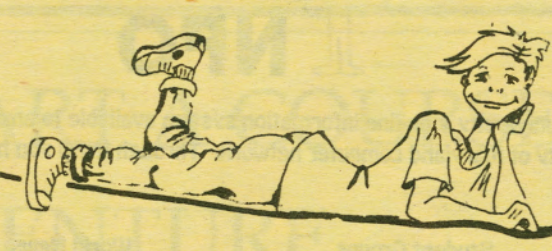
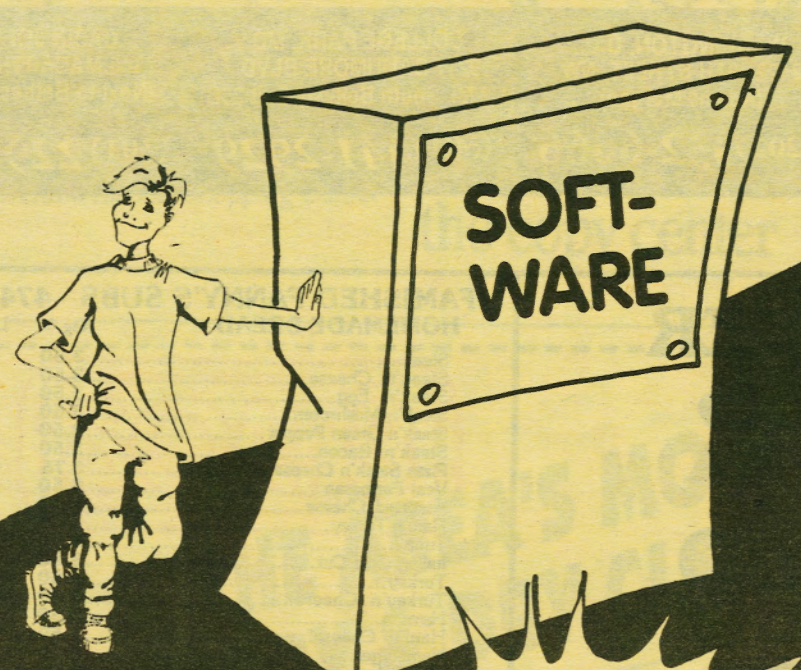
3. MAKE SURE YOU HAVE THE CORRECT SECTION NUMBER.



(DEPT.) ① 101 ② (COURSE NO.) 0401 ③ (SECTION)
1 Required (Instructors name)
(***Required or Recommended***)
(Author)
(Title)



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SUMMER HOURS

BEGINNING MAY 20, 1993 AND ENDING AUGUST 30, 1993		
MONDAY THRU FRIDAY		8:30am-5:00pm
SATURDAY		Noon-5:00pm
SUNDAY		Closed except as noted below
Memorial Weekend		
5/29, 30,31		Noon-5:00pm
Sat & Sun	6/5 & 6/6	10:00am-5:00pm
Summer I	6/7 & 6/8	8:30am-7:00pm
Sunday	6/13	Noon-5:00pm
Independence Day Weekend		
7/3, 4, 5	Closed	
Sunday	7/18	Noon-5:00pm
Summer II	7/19 & 7/20	8:30am-7:00pm
Sunday	8/29	Noon-5:00pm
Monday	8/30	8:30am-5:00pm
Regular hours begin	8/31/93	

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Mon - Thurs
8:30am-7:00pm
Fri 8:30am-5:00pm
Sat - Sun
12 noon-5:00pm

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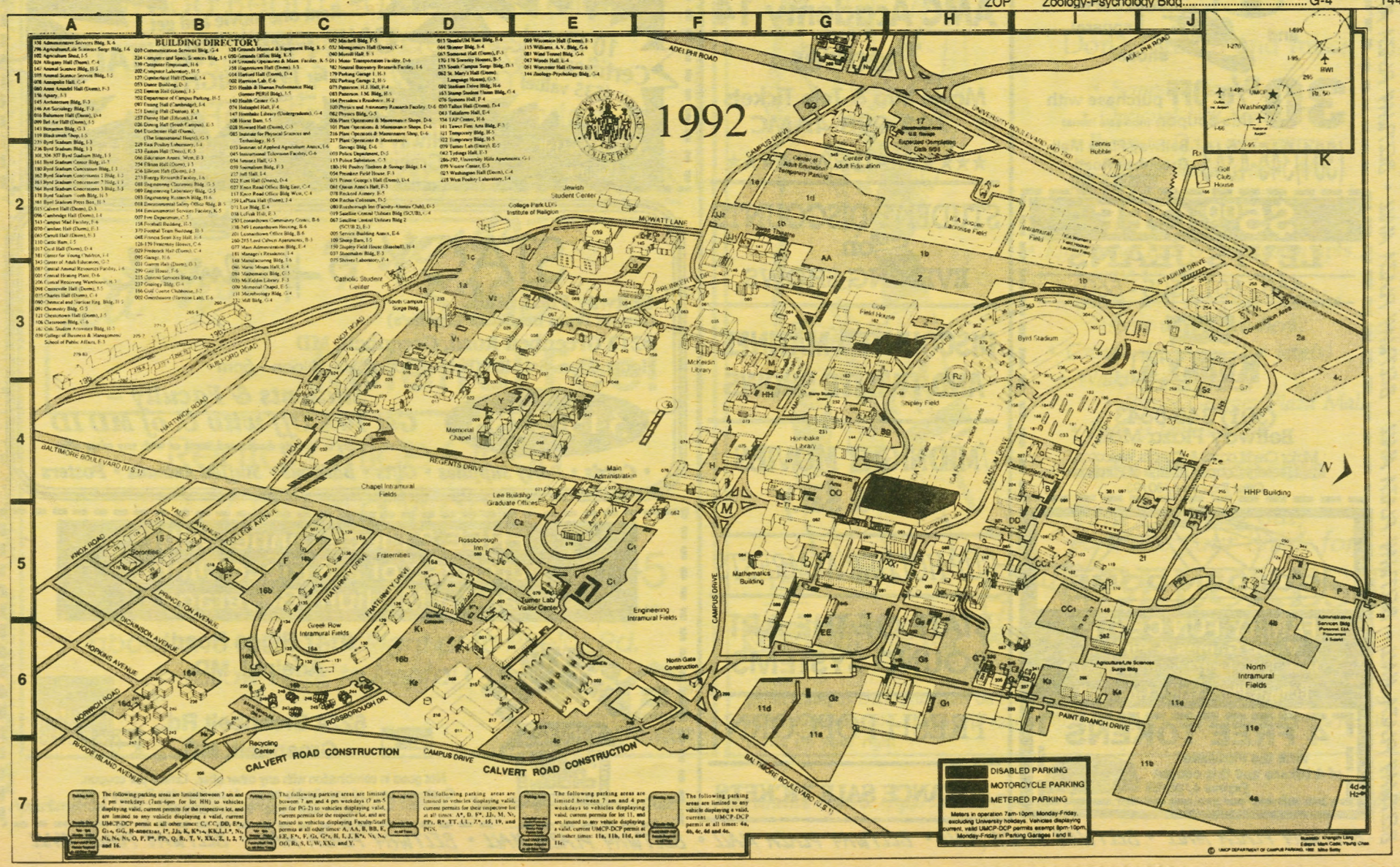
UNIVERSITY BOOK CENTER
Lower Level — Stamp Union

ALPHABETICAL DIRECTORY OF BUILDINGS

338 Administrative Services Bldg K-6
296 Agriculture/Life Sciences Surge Bldg I-6
102 Agriculture Shed I-5
024 Allegany Hall (Dorm) C-4
142 Animal Science Bldg H-5
103 Animal Science Service Bldg I-5
008 Annapolis Hall C-4
060 Anne Arundel Hall (Dorm) F-3
156 Apiary J-3
145 Architecture Bldg F-3
146 Art-Sociology Bldg F-3
016 Baltimore Hall (Dorm) D-4
099 Bel Air Hall (Dorm) J-5
143 Benjamin Bldg G-3
119 Blacksmith Shop I-5
235 Byrd Stadium Bldg I-3
236, 301 Byrd Stadium Bldg I-3
304-307 Byrd Stadium Bldg I-3
161 Byrd Stadium Center Bldg H-3
180 Byrd Stadium Concessions Bldg I-3
362 Byrd Stadium Concessions 1 Bldg I-3
363 Byrd Stadium Concessions 2 Bldg I-3
364 Byrd Stadium Concessions 3 Bldg I-3
178 Byrd Stadium North Bldg H-3
361 Byrd Stadium Press Box H-3
015 Calvert Hall (Dorm) D-3
096 Cambridge Hall (Dorm) I-4
343 Campus Mail Facility F-6
070 Caroline Hall (Dorm) E-3
065 Carroll Hall (Dorm) E-3
110 Cattle Barn I-5
017 Cecil Hall (Dorm) D-4
381 Center for Young Children J-4
345 Center of Adult Education G-2
087 Central Animal Resources Facility I-6
001 Central Hearing Plant D-6
206 Central Receiving Warehouse B-7
098 Centreville Hall (Dorm) J-5
025 Charles Hall (Dorm) C-4
090 Chemical and Nuclear Eng. Bldg H-5
091 Chemical Bldg G-5
121 Chestertown Hall (Dorm) J-5
106 Classroom Bldg G-6
162 Cole Student Activities Bldg H-3
039 College of Business & Management/ School of Public Affairs E-3
010 Communication Services Bldg G-4
224 Computer and Space Sciences Bldg I-5
339 Computer Emporium H-6
202 Computer Laboratory H-5
122 Cumberland Hall (Dorm) J-4
053 Dance Building D-3
252 Denton Hall (Dorm) J-3
202 Department of Campus Parking H-5
097 Dining Hall (Cambridge) J-4
251 Dining Hall (Denton) K-3
257 Dining Hall (Ellicott) J-4
026 Dining Hall (South Campus) E-3
064 Dorchester Hall (Dorm), (The International House) G-3
229 East Poultry Laboratory I-4
253 Easton Hall (Dorm) K-3
066 Education Annex, West E-3
254 Elkton Hall (Dorm) J-3
256 Ellicott Hall (Dorm) J-3
223 Energy Research Facility I-6
088 Engineering Classroom Bldg G-5
089 Engineering Laboratory Bldg G-5
093 Engr. Research Bld H-6
018 Engineering Safety Office Bldg B-5
344 Environmental Services Facility K-5
007 Fire Department C-5
158 Football Building H-3
379 Football Team Building H-3
048 Francis Scott Key Hall E-4
126-139 Fraternity Houses C-6
029 Frederick Hall (Dorm) C-4
095 Garage H-6
031 Garrett Hall (Dorm) D-3
299 Gate House F-6
215 General Services Bldg D-6
237 Geology Bldg G-4
166 Golf Course Clubhouse J-2
002 Greenhouses (Harrison Lab) E-6
328 Grounds Material & Equipment Bldg K-5
050 Grounds Office Bldg K-5
124 Grounds Operations & Maint. Facility K-5
258 Hagerstown Hall (Dorm) J-3
014 Harford Hall (Dorm) D-4
002 Harrison Lab E-6
255 Health & Human Performance Bldg (former PERH Bldg) J-5
140 Health Center G-3
074 Holzapfel Hall F-4
147 Hornbake Library (Undergraduate G-4
108 Horse Barn I-5
028 Howard Hall (Dorm) C-3
085 Institute for Physical Sciences and Technology H-5
033 Institute of Applied Agriculture Annex I-6
045 Instructional Television Facility G-6
034 Jiminez Bldg F-3
059 Journalism Bldg F-3
227 Jull Hall I-4
022 Kent Hall (Dorm) D-4
027 Knox Road Office Bldg East C-4
117 Knox Road Office Bldg West C-4
259 LaPlata Hall (Dorm) J-4
071 Lee Bldg E-4
038 LeFrak Hall E-3
250 Leonardtown CommunityCenter B-6
238-249 Leonardtown Housing B-6
201 Leonardtown Office Bldg B-6
260-285 Lord Calvert Apartments B-3
077 Main Administration Bldg E-4
181 Manager's Residence I-4
148 Manufacturing Bldg I-6
046 Marie Mount Hall E-4
084 Mathematics Bldg G-5
035 McKeldin Library F-3
009 Memorial Chapel E-5
231 Microbiology Bldg G-4
232 Mill Bldg G-4
052 Mitchell Bldg F-5
032 Montgomery Hall (Form) C-4
040 Morrill Hall E-3
011 Motor Transportation Facility D-6
382 Neutral Buoyancy Research Facility I-6
179 Parking Garage 1 ..... H-3
202 Parking Garage 2 ..... H-5
073 Patterson, H.J. Hall F-4
083 Patterson, J.M. Bldg H-5
164 President's Residence H-2
100 Physics and Astronomy Research Facility D-6
082 Physics Bldg G-5
006 Plant Operations & Maintenance Shops D-6
101 Plant Operations & Main. Shops D-6
216 Plant Operations & Main. & Shops D-6
217 Plant Oper. & Main. Stor. Bldg D-6
003 Police Department D-5
113 Police Substation C-3
180-191 Poultry Shelters & Storage Bldgs I-4
054 Preinkert Field Hall (Dorm) D-4
061 Queen Anne's Hall F-3
078 Reckord Armory E-5
004 Ritchie Coliseum D-5
080 Rossborough Inn (Faculty-Alumni Club) D-5
019 Satellite Central Utilities Bldg (SCUB) C-4
067 Satellite Central Utilities Bldg 2 (SCUB 2) E-3
005 Service Building Annex E-6
109 Sheep Barn I-5
159 Shipley Field House (Baseball) H-4
037 Shoemaker Bldg E-3
075 Shriver Laboratory F-4
013 Shuttle UM Base Bldg E-6
044 Skinner Bldg E-4
063 Somerset Hall (Dorm) F-3
170-176 Sorority Houses B-5
233 South Campus Surge Bldg D-3
062 St. Mary's Hall (Dorm), Language House) G-3
092 Stadium Drive Bldg H-6
163 Stamp Student Union Bldg G-4
076 Symons Hall F-4
030 Talbot Hall (Dorm) D-4
043 Taliaferro Hall E-4
334 TAP Center H-6
141 Tawes Fine Arts Bldg F-3
321 Temporary Bldg H-5
322 Temporary Bldg H-5
079 Turner Lab (Dairy) E-5
042 Tydings Hall E-3
286-292 University Hills Apartments G-1
079 Visitor Center E-5
023 Washington Hall (Dorm) C-4
228 West Poultry Laboratory I-4
069 Wicomico Hall (Dorm) E-3
115 Williams, A.V. Bldg G-6
081 Wind Tunnel Bldg G-6
047 Woods Hall E-4
051 Worcester Hall (Dorm) E-3
144 Zoology-Psychology Bldg G-4

SCHEDULE OF CLASSES DIRECTORY OF BUILDING CODES

CODE	BUILDING	LOCATION	NUM.
AGY	Allegany Hall (Residence)	C-4	024
ASA	Animal Sciences Annex	I-6	104
ANS	Animal Sciences Bldg	H-5	142
ANA	Anne Arundel Hall (Residence)	G-3	060
ALB	Astronomy Laboratory Bldg	MET	219
API	Apiary	J-3	156
ARC	Architecture Bldg	F-2	145
ARM	Armory (Reckord)	E-5	078
ASY	Art-Sociology Bldg	F-3	146
AVW	A.W. Williams Bldg	H-6	115
BAL	Baltimore Hall (Residence)	D-3	016
BEB	Beef Barn	I-5	110
BEL	Bel Air Hall (Residence)	D-3	099
BRD	Byrd Stadium	I-3	160
CAL	Calvert Hall (Residence)	D-3	015
CAM	Cambridge Hall (Residence)	I-4	096
CAR	Caroline Hall (Residence)	E-3	070
CRL	Carroll Hall (Residence)	E-3	065
CEC	Cecil Hall (Residence)	D-4	017
CEN	Centreville Hall (Residence)	J-5	098
CHL	Charles Hall (Residence)	C-4	025
CHE	Chemical Engineering Bldg	H-5	090
CHM	Chemistry Bldg	G-5	091
CHS	Chestertown Hall (Residence)	J-4	121
CLB	Classroom Bldg	H-6	106
COL	Cole Student Activities Bldg	G-3	162
CSS	Computer and Space Sciences Bldg	I-4	224
CBD	Cumberland Hall (Residence)	J-4	122
DSA	Dairy Science Annes & Large Animal Classroom	I-5	107
DNC	Dance Building	D-3	053
DEN	Denton Hall (Residence)	J-3	252
DOR	Dorchester Hall (Residence)	G-3	064
EAS	Easton Hall (Residence)	K-3	253
EDA	Education Annex	E-3	066
EDU	Education (Benjamin)	G-3	143
ELK	Elkton Hall (Residence)	J-3	254
ELL	Ellicott Hall (Residence)	J-3	256
EGL	Engineering Laboratory Bldg (Martin)	G-6	089
EGR	Engineering Classroom (Martin)	G-5	088
EPL	East Poultry Lab Bldg	I-4	188
ERB	Engineering Research Bldg	H-6	093
FRD	Frederick Hall (Residence)	C-4	029
GRT	Garrett Hall (Residence)	D-3	031
GEO	Geology Bldg	G-4	237
GLF	Golf Range	J-2	166
HAG	Hagerstown Hall	J-3	258
HAR	Harrison Lab	E-6	002
HRT	Hartford Hall (Residence)	D-4	014
HOB	Horse Barn	I-5	108
HBK	Hornbake Undergraduate library	G-4	147
HJP	H.J. Patterson	G-4	073
HHP	Health and Human Performance Bldg	J-5	255
HZF	Holzapfel Hall	F-4	074
HOW	Howard Hall (Residence)	D-3	028
IPT	Inst. of Physical Sciences and Technology	I-5	085
ITV	Instructional Television Facility	G-5	045
JMP	J.M. Patterson Hall	H-5	083
JMZ	Jimenez Foreign Language	G-3	034
JRN	Journalism Bldg	F-3	059
JUL	Jul Hall	I-4	227
KNT	Kent Hall (Residence)	D-4	022
KEY	Francis Scott Key Hall	E-3	048
LAM	Lab Animal Mgt. Classroom	CRF	763
LPA	LaPlata Hall (Residence)	J-4	259
LEF	Lefrak Social Sciences	E-3	038
MTH	Mathematics Bldg	G-5	084
MCK	McKeldin Library	F-3	035
MCB	Microbiology Bldg	G-4	231
MIL	Mill Bldg	G-4	232
MNT	Montgomery Hall (Residence)	C-4	032
MMH	Marie Mount Hall	E-4	046
MOR	Morrill Hall	E-3	040
MPA	Business Management/Public Affairs Bldg	E-3	039
PHY	Physics Bldg	G-5	082
PKT	Preinkert Field House	F-3	054
PGG	Prince George's Hall (Residence)	D-3	021
QAN	Queen Anne's Hall (Residence)	F-3	061
RIT	Ritchie Coliseum	D-5	004
SCP	South Campus Surge	D-3	233
SHB	Sheep Barn	I-5	109
SHM	Shoemaker Bldg	E-3	037
SHR	Shriver Lab	F-4	075
SKN	Skinner Bldg	E-4	044
SOM	Somerset Hall (Residence)	F-3	063
SDH	South Campus Dining Hall	E-3	026
STM	St. Mary's Hall (Residence)	G-3	062
SSU	Stamp Student Union	G-4	163
SYM	Symons Hall	F-4	076
TAL	Talbot Hall (Residence)	D-4	030
TBA	To Be Arranged		
TLF	Taliaferro Hall	E-3	043
TUR	Turner Lab	E-5	079
TYD	Tyings Hall	E-3	042
TWS	Tawes Fine Arts Bldg	G-3	141
WSH	Washington Hall (Residence)	C-4	023
WIC	Wicomico Hall (Residence)	E-3	069
WDS	Woods Hall	E-4	047
WTU	Wind Tunnel	G-6	081
WOR	Worcester Hall (Residence)	F-3	051
ZOP	Zoology-Psychology Bldg	G-4	144



海珍楼 Seven Seas Chinese Restaurant & Japanese Cuisine

Dim Sum Brunch
$6.95
More than 20 Items
11:30 a.m. - 2:00 p..m.
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Sushi
30% OFF
Every Wednesday

Special Vegetarian Entrees
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Entire Menu
10% Off
with this coupon
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not valid with any other offer

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345-5807
Open 7 days a week.
Free Delivery. $10 min., 5-10 p.m.

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R&B • JAZZ • CLASSICAL
SPECIAL ORDERS
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Monday thru Friday:
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(301) 982-DISC
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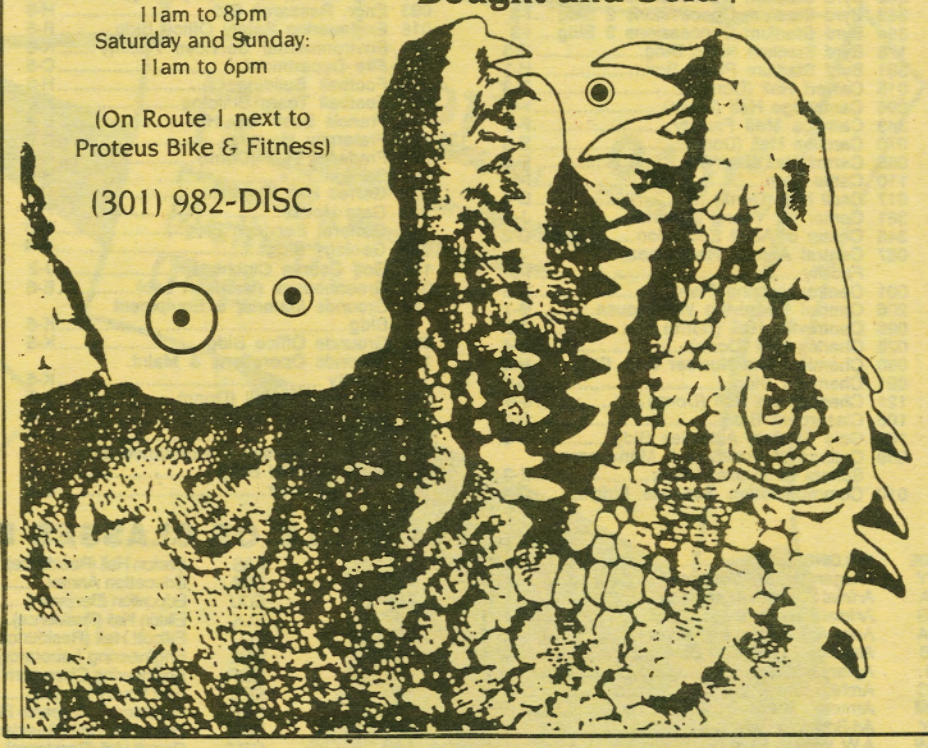

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$5.00 OFF
LEVI'S JEANS
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FAMILY FUN CENTER
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Inside the Mall and Outside on Parking Lot
Beltway Plaza Mall • Greenbelt
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With the Purchase of 4 tokens and this coupon
Expires 4/30/93
GOLDEN DOME

AMC THEATRES
AMC Academy 14 Theatres
Movie Info & Tele Tickets
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★★★★ FEATURING ★★★★
STUDENT DISCOUNTS on EVENING SHOWS
DISCOUNTED MATINEE AND TWILITE SHOWS
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CUP HOLDER ARMRESTS
STATE OF THE ART SOUND SYSTEMS
FRESH POPCORN
ADVANCE SALE TICKETS

VIDEO VILLAGE
10 Rental Certificates-$25 ($35 value)
Rent one movie and get ONE FREE RENTAL for TWO NIGHTS
with coupon-expires 4/30/93
Cabin John Mall Potomac
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Federal Plaza Rockvillle
Loehmanns Plaza Rockville

STACY'S Hallmark
Beltway Plaza Mall
(Across From Beefsteak Charlie's)
6212 Greenbelt Road, Greenbelt, MD
Hours: Mon.-Sat. 10:00am - 9:30pm; Sun. Noon - 6pm
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Students & Faculty – Get 10% Off with U. of MD ID
Doesn't apply to already discounted items or with any other offer.
• Cards • Party Supplies • Gifts • Balloons • Stuffed Animals • Posters

FREE 2 Piece Dinner with purchase of a 3 Piece Dinner and a Medium Beverage
LOVE THAT CHICKEN
Popeyes FAMOUS FRIED CHICKEN
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Customer pays all applicable taxes. At participating Popeye's only.
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2214 Phelps Road
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Telephone, 439-1154

$60 Off per Month
for Students, Staff & Faculty

- 1 & 2 Bedrooms
- On Adelphi South Shuttle UM Route
- Short Term Leases Available
- Air Conditioning
- Swimming Pool
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- Choice of Carpeting or Hardwood Floors
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- Wood Beam Cathedral Ceilings
- Laundry Facilities
- Small Pets Welcome
- 24 Hour Emergency Service

30 Day Satisfaction Guarantee

Tell Your Friends- **$200 Referral Fee!**

Rental Office Open
7 Days a Week
Mon.-Fri. 9-6; Sat. 9-4; Sun. 12-5

Directions: University Blvd. West from Campus about one mile. Turn Right onto Phelps Rd. follow signs to Rental Office

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HERITAGE P·A·R·K
APARTMENTS

One, Two & Three Bedrooms

- U.M. Shuttle Bus service
- Student furniture package available
- Entry guard access buildings
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- Washers/Dryers on every floor
- Heat, hot water, cooking gas included

Directions: From campus, University Blvd to Metzerott Rd. Take the third right after crossing Riggs Rd. to Heritage Park. Or from the beltway, take exit 28B (New Hampshire Ave. South), turn left at the 4th light onto Metzerott Rd., and left to Heritage Park.

WELCOME HOME TO HERITAGE PARK APARTMENTS

Experience the comfort and convenience of midrise living in a peaceful and beautifully landscaped community. At Heritage Park you can enjoy worry-free living in a well managed environment near the University of Maryland, the Capital Beltway and Washington, D.C.

A Heritage Park apartment is unique with it's oversized windows, balconies, patios and distinctive, spacious floorplans, waiting for your personal touch.

Located minutes from shopping, restaurants and public transportation including the University of Maryland shuttle route, Heritage Park Apartments offers residents a close-in location with every consideration for a quality lifestyle.

CALL TODAY
(301) 439 4464
1820 Metzerott Road #12
Adelphi, MD
OPEN WEEKENDS

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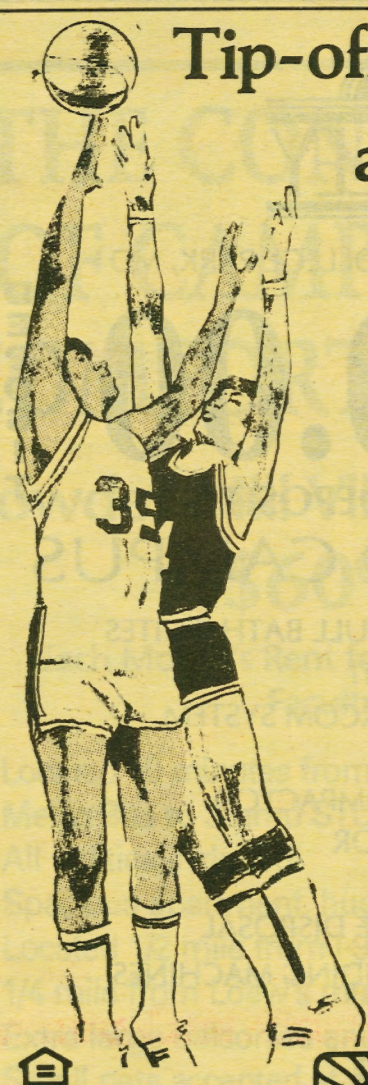
Managed by Bozzuto Management Company

Tip-off Your Semester at Belcrest Plaza Apartments



Don't foul-up and miss:

- *Semester leases*
- *Optional HBO/cable TV*
- *Buses to D.C. and campus*
- *Individual heating and A/C*
- *Private balcony or patio*
- *Small pet buildings*
- *Efficiency, 1, 2 & 3 bedroom apts., some w/ dens.*
- *Modern, well designed kitchens (some w/ dishwasher)*
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- *Walking distance to Prince Georges Plaza Mall*
- *Pool & tennis court*

Rental Office: 559-5040

Time's running out, so make your break for

EQUAL HOUSING OPPORTUNITY

GRADY MANAGEMENT, INC.
YOUR SIGN OF BETTER LIVING

BELCREST PLAZA
APARTMENTS

From Campus Drive, turn left on Adelphi Road. Continue about one mile to Belcrest Road and turn right, then right again onto Toledo Terrace to the Belcrest Plaza rental office on your right.

SEVEN SPRINGS VILLAGE

Rents Reduced

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Choose YOUR Favorite From:

★ Spectacular Pool View
★ Serene Country Scene View
★ Romantic Sunset View
★ Rise 'n Shine Morning Sun View
★ Colorful Park View
★ Tennis Court Action View

- Located 1/4 mile off Rt. 1 and Beltway
- Sports facilities include: tennis courts, basketball, volleyball, fitness facility, billiards room, fitness trail
- Mini convenience mall located in our village
- Refreshing swimming pool and sun deck for serious swimmers and sunbathers

UM SHUTTLE SERVICE 18 TIMES PER DAY

Directions from UM: North on Rt. 1,
Left on Cherry Hill Rd.,
Continue 1/4 mile to Seven Springs Village

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HYATTSVILLE

STRETCH YOUR DOLLAR EVEN FARTHER AT THE

KIRKWOOD GARDEN APTS.

STUDENT SPECIAL 2 BR - $525

All Utilities Included

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APTS. AVAIL. With A/C
- Super Low Prices -
1 BR's as low as $475 • 2 BR's as low as $550!

2731 NICHOLSON ST., HYATTSVILLE, MD (OFF AGER ROAD)

• 6 & 9 Month Leases Available
• $50 Security Deposit • Public transporation & UM Shuttle bus on property • Wall to wall carpet & remodeled kitchens available • Shopping malls nearby
• Ceiling fans in every unit
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BERKLEY

8125 - 48th AVENUE, COLLEGE PARK, MD

SECURITY DEPOSIT

$250.00

SECURITY DEPOSIT

1 BLOCK TO CAMPUS

- LARGE 2 BEDROOM 2 FULL BATH SUITES
- WALL TO WALL CARPET!
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- MINI BLINDS
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- EXERCISE ROOM
- ON UM SHUTTLE ROUTE

COME SEE OR CALL 474-0085

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IN THE HEART OF COLLEGE PARK

MT. RAINIER

FORGET ABOUT THE REST– COME SEE THE BEST!

KAYWOOD GARDENS

No Security Deposit

- Super Low Prices -

1 BR's as low as $510 • 2 BR's as low as $645!

All Utilities Included • Carpet Available

4101 KAYWOOD PLACE, MT.RAINER, MD

More value for your money when economy & convenience go hand in hand! Save in rent by being close to downtown. Metro station just minutes away. If you think what other apt. complexes in P.G. County have to offer is good, come see us. Our values are great!

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Apartments Galore! · Apartments Galore! · Apartments Galore! · Apartments Galore! · Apartments Galore! · Apartments Galore! · Apartments Galore! · Apartments Galore! ·

ADELPHI

All the Extras for Nothing Extra

OAKTON APARTMENTS

Wall-to-Wall Carpeting • Spacious Rooms
Newly Remodeled Kitchens • Swimming Pool
Wooded Grounds • Solid Construction
Minutes to University of Maryland
Close to Metro, School, Shopping and Churches

ALL UTILITIES INCLUDED

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1,2, & 3 Bedroom Apartments

Open Daily 9-6
Sunday 12-5

Directions: From campus turn right on Adelphi Road. Just 3 miles and we're on the left at 9408 Adelphi Road

EQUAL HOUSING OPPORTUNITY

DREYFUSS MANAGEMENT

HIGHVIEW APARTMENTS

We ***love students*** and we'll give you ***$60 off*** your monthly rent to prove it. We're just minutes from campus & on the ***UM Shuttle*** route, yet tucked away in a ***plush, wooded setting***. Our spacious one and two bedroom apartment homes have ***large walk-in closets, breakfast bar, contemporary kitchens, ceiling fans*** and individually controlled heating and air conditioning (***utilities are included*** too!) Highview can even offer customized kitchens & carpet according to your budget. Come and see what's waiting for you at Highview.

7004 Highview Terrace
Hyattsville, MD
301-559-8826

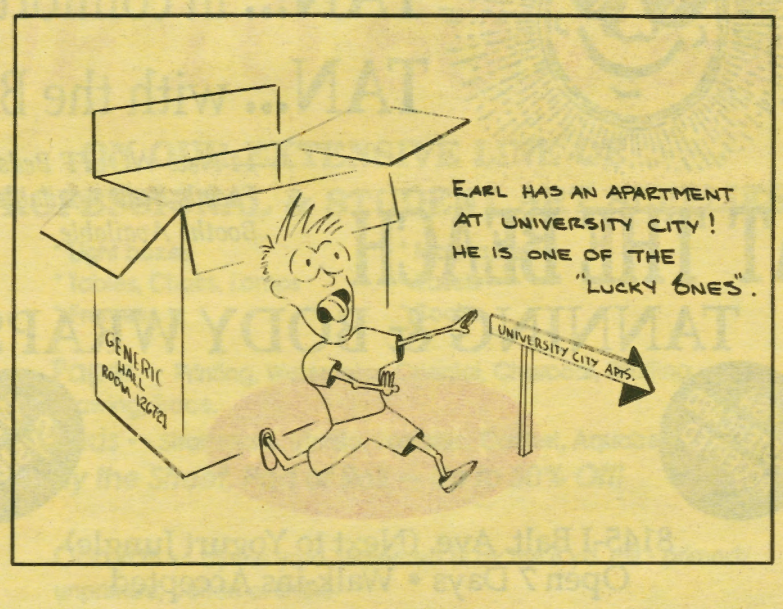
Mon-Fri 9am to 6pm
Sat 10am to 4pm
Sun 12pm to 4pm

SOUTHERN MANAGEMENT CORPORATION

Directions: South on Adelphi Rd., Right on Belcrest Rd., Right onto Toledo Terrace, Right on Northwestern Drive, Left on Dean Drive and follow to Rental Office - 7004 Highview Terrace.

EQUAL HOUSING OPPORTUNITY

UNIVERSITY CITY APARTMENTS



- 1 and 2 Bedrooms
- Shuttle Bus to U. of Md.
- Cable TV
- Affordable
- All Utilities Incld.
- Lovely Landscaping

Newly Renovated!

See our beautiful model apartment

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THE CONVENIENCE OF CAMPUS — THE COMFORT OF HOME!

Powder Mill Village Apartments

$60^{00} OFF

Each Month's Rent for ALL Uof MD Students, Faculty and Staff

- Located 10 minutes from U of MD
- Metro Bus to Stamp STUDENT UNOIN in front of PMV
- All utilities included!
- Spacious apartment, huge walk-in closets (CARPET!)
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- Extra large balconies and walk-out patios
- Small pets accepted at no charge
- ZERO security deposit to qualified applicants!

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Come & Visit these Fine Merchants-

HUNAN

MONGOLIAN BAR-B-Q
(The ONLY Place in Maryland)
Hunan • Szechuan • Cantonese
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湖南樓
Open 7 Days
Campus Village Shoppes
FREE DELIVERY
MINIMUM DELIVERY ORDER $10.00

$5 off - Dine In Only - for 2 people (min. $18 order)
CANNOT BE COMBINE WITH ANY OTHER OFFER WITH COUPON

Weight Watcher's Menu
Lunch & Dinner Specials

$1.00 off Lunch Buffet
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UNITED OPTICAL

Lowest Prices Ever for Replacement Contact Lenses
Save up to 60% per Lens
Prices Starting at: $18.05 Daily Wear • $20.10 Extended Wear • $21.85 Visitint
Mention this ad for best prices.
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CAMPUS SINGING STUDIOS
COMING SOON
WATCH FOR OUR GRAND OPENING
CAMPUS VILLAGE SHOPPES
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1-Hour Photo Processing
Campus Village Shoppes
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** All Magazines Available*

Mon-Sat 8:00 AM-10:00 PM
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Southern California Style Mexican Food

Fresh Homemade Mexican Food
Dine In, Carry Out & Delivery
Taco Tuesday $1 All Day (reg. $2.20)
Campus Village Shoppes
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$2 OFF Your delivered order of $12 or more
Offers may expire at any time.

TAN... in style!!
TAN... in comfort!!
TAN... with the Best!!

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2 YEARS IN A ROW!!
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13 Tans $59.00 ($4.50 Per Tan) 5 Tans $27.50 $4.50 Tanning Before Noon Weekdays With coupon only Offer expires 6/30/93	Unlimited 2 wks. $42.00 1 month $63.00 3 months $165.00 With coupon only Offer expires 6/30/93	Introductory Special 3 Tans for $9.99 With coupon only Offer expires 6/30/93	$15.00 is Off 1st Body Wrap Guaranteed Inch Loss!! With coupon only Offer expires 6/30/93

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Take 10% Off
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Appts. & Walk-Ins Welcome
Tues-Fri 10-7:30
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Campus Village Shoppes

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Matrix ESSENTIALS
- Matrix
- Paul Mitchell
- Nexxus

$2 Off any shampoo & cut with coupon only expires 8/20/93

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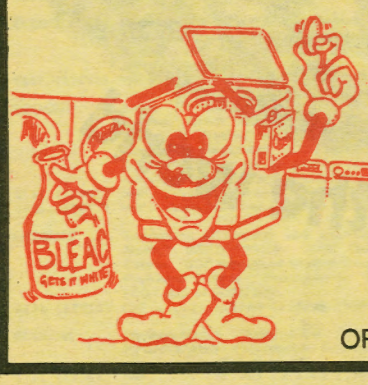
17 FINE MERCHANTS • 8145 to 8147 BALTIMORE BLVD (RT.1)

LOTS OF FOOD • HAIR • CLEANING • LIQUOR • TANNING • RECORDS & TAPES • ART SUPPLIES • OPTICAL & MORE

LAUNDROMAT



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(behind Town Hall)

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- MONEY SAVING DRYERS

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OPEN 7:00 A.M. TO 10 P.M. 7 DAYS A WEEK

Yogurt Jungle
JUNGLE TERR

Call for flavors of the day

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Buy 1 get 1 FREE Yogurt/Ice Cream

expires 4/15/93

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Kegs • Beer • Wine • Liquors

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Campus Village Shoppes

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THE RECORD AND TAPE EXCHANGE

15% OFF NEXT PURCHASE

Expires 4/15/93

$AVE $AVE $AVE

UP TO 60% OFF

ON OUR EXTENSIVE LINE OF PROFESSIONAL & STUDENT ART SUPPLIES

- Light boxes
- Tables, Chairs, Lamps
- Frames
- Matt cutters
- Easels
- Books

Paper -- Printing, Watercolor, Oriental, Charcoal, Drafting, Drawing, Trace.

Pads -- Strathmore, Morilla, Pentallic, Cachet, Aquabee

By the Sheet, Pad or Roll -- Up to 50% Off!

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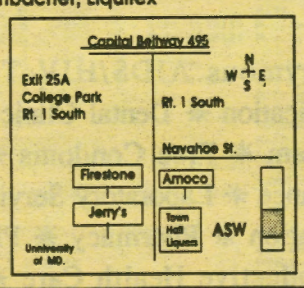
Watercolors -- Winsor & Newton, Grumbacher, Liquitex

Brushes -- Creative Mark, Winsor & Newton, Grumbacher, Robert Simmons

Drawing/sketching supplies — pastels — indiv. and sets — accessories



ASW ART SUPPLY WAREHOUSE

MC/VISA • HRS: MON-THURS 9:00-7:00PM, FRI & SAT 9:00-5:00PM • FREE CATALOG • FREE PARKING

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Of College Park

HAS REOPENED!

With the same original Chicago taste and atmosphere here at the University of Maryland

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Free Delivery ($10 min.)

Raja's Cafe!

Authentic Indian Vegetarian Dining

Lunch & Dinner Served

Masaladosa • Idli • Vada • Sambar

Chutney • Samosa • Ottappam and more

South and Northern Indian Dishes Available

11 am - 9 pm Daily Carry-out Available

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Delivering Great Taste . . . Fast

Campus Village Shoppes

Mon-Thur 11am-2:30am

Fri-Sat till 3:00am • Sun till Midnight

HOME ALONE SPECIAL

Medium Pizza w/1 Topping and 1 Soda

The REAL DEAL

$3 off any reg. priced Large Pizza

Please Order Specials By Name

May expire without notice

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✓ check out

classes at the

Art Center

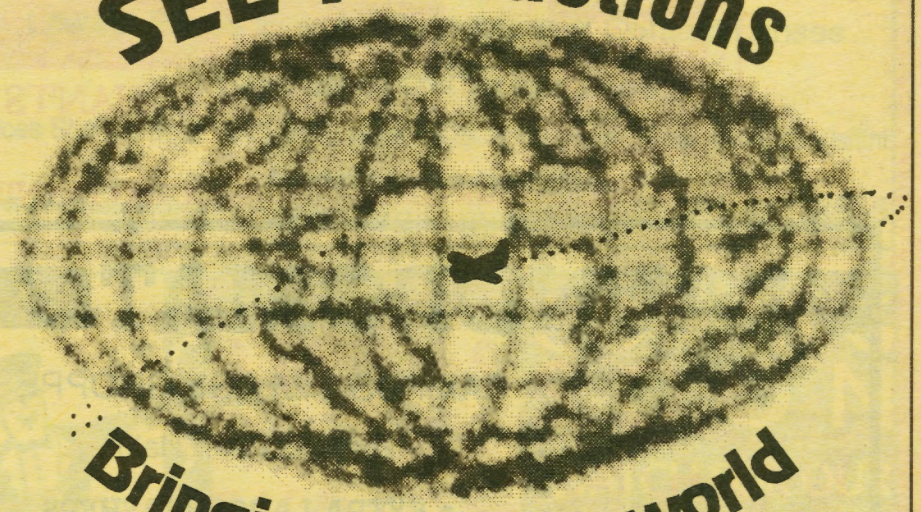
studios in the
Stamp Student Union
Room 0232

✓ Pottery
✓ Photography
✓ Painting
✓ Drawing
✓ Kids' classes
✓ Family classes

and coming soon:
additional Enrichment classes!

call for more information: 314-ARTS

SEE Productions



Bringing you the world

SEE Productions is the University of Maryland's student-run organization committed to bringing concerts, lectures, cultural events, and comedy to a diverse campus community.

SEE PRODUCTIONS

Come gain experience in event programming, marketing, public relations, and research. If you would like more information about SEE Productions, please stop by our office, 1211G Stamp Student Union, or call (301) 314-8342

Office of Student Financial Aid

Our best customer is an

Educated Customer.

Educate yourself about FAFSA '93.

It's not too late to apply for aid for Fall 1993. Pick up your FAFSA today! Visit the Public Inquiry Counter, 0110 Lee, or call 314-8313. We're open 8:30 to 4:30, Monday through Friday.

The University Health Center

Hours
Monday-Friday 7:00am-11:00pm
Saturday & Sunday 9:00am-5:00pm
314-8180

All services are completely confidential

Anonymous AIDS/HIV Testing ✳ Allergy Injections ✳ CPR Certification ✳ Dental Clinic ✳ DWI/DUI Classes ✳ Eating Disorders Program ✳ Free Condoms ✳ Health Education Programs ✳ Health Insurance ✳ Laboratory Services ✳ Mental Health Services ✳ Nutrition Education ✳ Pharmacy ✳ Physical Therapy ✳ Pregnancy Testing ✳ Reproductive Health Care ✳ Sexual Health Education ✳ Sexually Transmitted Disease Testing and Treatment ✳ Skin Care Clinic ✳ Social Services ✳ Stress Management Education ✳ Substance Abuse Treatment ✳ Support Groups ✳ Travel Clinic ✳ Urgent Care/ER Services ✳ Walk-In Clinic ✳ X-Ray/Radiology

0301 (11979) TuTh.....11:00am-12:15pm (HZF 1106) STAFF
0401 (11980) TuTh.....12:30pm- 1:45pm (TYD 1140) STAFF
0801 (11981) TuTh..... 2:00pm- 3:15pm (TYD 0101) STAFF
0901 (11982) TuTh..... 9:30am-10:45am (TYD 0102) Brechling, F.

ECON306 **Intermediate Microeconomic Theory; Grade Method: REG/P-F/AUD.** *Prerequisites: ECON 201; and ECON 203; and MATH 220. Formerly ECON 403.* 3 credits
0101 (11992) MW.....11:00am-12:15pm (TYD 2106) Lyon, A.
0201 (11993) TuTh..... 2:00pm- 3:15pm (TYD 2106) Hulten, C.
0301 (11994) TuTh.....11:00am-12:15pm (TYD 0102) Coughlin, P.
0401 (11995) TuTh..... 8:00am- 9:15am (TYD 0101) STAFF
0501 (11996) TuTh..... 9:30am-10:45am (WDS 1114) Dardis, R.
0701 (11997) MWF..... 2:00pm- 2:50pm (TYD 0101) Sen, A.
0801 (11998) TuTh..... 2:00pm- 3:15pm (TYD 2110) Coughlin, P.

ECON311 **American Economic Development; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** *Prerequisites: ECON 201, and ECON 203 or ECON 205.* 3 credits
0101 (12008) MWF.....11:00am-11:50am (HJP 2242) STAFF

ECON315 **Economic Development of Underdeveloped Areas; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course.** *Prerequisites: ECON 201; and ECON 203 or ECON 205. Credit will be granted for only one of the following: ECON 315 or ECON 416. Formerly ECON 415.* 3 credits
0101 (12018) MWF.....11:00am-11:50am (TYD 1140) Bennett, R.
0201 (12019) TuTh.....11:00am-12:15pm (TYD 1140) Betancourt, R.
0301 (12020) TuTh..... 9:30am-10:45am (TYD 2111) Betancourt, R.
0401 (12021) MWF..... 2:00pm- 2:50pm (TYD 1140) Bennett, R.
0501 (12022) MWF..... 9:00am- 9:50am (TYD 0101) Bennett, R.

ECON321 **Economic Statistics; Grade Method: REG/P-F/AUD.** *Prerequisite: MATH 220 or equivalent. Not open to students who have completed BMGT 230 or BMGT 231. Formerly ECON 421.* 3 credits
0101 (12032) MWF.....11:00am-11:50am (TYD 0101) Anderson, G.

ECON370 **Labor Markets, Human Resources, and Trade Unions; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course.** *Prerequisites: ECON 201, and ECON 203 or ECON 205. Credit will be granted for only one of the following: ECON 370 or ECON 470.* 3 credits
0101 (12042) MWF.....11:00am-11:50am (TYD 2111) STAFF
0201 (12043) MWF.....10:00am-10:50am (TYD 0117) Knight, R.

ECON375 **Economics of Poverty and Discrimination; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course.** *Prerequisites: ECON 201, and ECON 203 or ECON 205.* 3 credits
0101 (12053) MWF.....11:00am-11:50am (SCP 1120) STAFF

ECON381 **Environmental Economics; Grade Method: REG/P-F/AUD.** *Prerequisite: ECON 203 or ECON 205 or permission of department.* 3 credits
0101 (12063) MWF.....10:00am-10:50am (TYD 1140) STAFF

ECON396 **Independent Honors Study; Grade Method: REG/P-F/AUD.** *Prerequisite: candidacy for honors in economics or by permission of instructor.* 3 credits
0101 (12073) Tu..... 3:30pm- 6:00pm (TYD 2100) Wallis, J.

ECON397 **Honors Thesis; Grade Method: REG/P-F/AUD.** *Prerequisites: ECON 396 and candidacy for honors in economics* 3 credits
0101 (12083) Time and room to be arranged Wallis, J.

ECON399 (PermReq) **Individual Reading and Research For Undergraduates; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number. Permission of instructor must be arranged in advance. Open only to students who have previously earned 6 or more credits in upper division economics courses.** 3 credits

ECON402 **Macroeconomic Models and Forecasting; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course.** *Prerequisite: ECON 305 or ECON 405* 3 credits
0201 (12153) MWF.....10:00am-10:50am (TYD 2111) STAFF
0301 (12154) TuTh..... 8:00am- 9:15am (TYD 1114) Almon, C.

ECON410 **Comparative Institutional Economics; Grade Method: REG/P-F/AUD.** *Prerequisite: ECON 306.* 3 credits
0101 (12164) TuTh.....12:30pm- 1:45pm (TYD 2108) Clague, C.

ECON417 **Advanced Microeconomics; Grade Method: REG/P-F/AUD.** *Prerequisite: ECON 306 and [MATH 220 or MATH 140]* 3 credits
0101 (12174) TuTh..... 9:30am-10:45am (TYD 2102) Schwab, R.

ECON422 **Quantitative Methods in Economics I; Grade Method: REG/P-F/AUD.** *Prerequisite: ECON 201, and ECON 203, and ECON 321 or BMGT 230 or permission of department* 3 credits
0101 (12184) TuTh.....11:00am-12:15pm (TYD 1114) Brechling, F.
0201 (12185) MWF.....10:00am-10:50am (TYD 0111) Anderson, G.

ECON430 **Money and Banking; Grade Method: REG/P-F/AUD.** *Prerequisites: ECON 201 and ECON 203. Credit will be granted for only one of the following: ECON 430 or ECON 431.* 3 credits
0201 (12195) MWF.....10:00am-10:50am (TYD 0130) Meyer, P.

ECON440 **International Economics; Grade Method: REG/P-F/AUD.** *Prerequisites: ECON 201 and ECON 203. Credit will be granted for only one of the following: ECON 440 or ECON 441.* 3 credits
0101 (12205) TuTh..... 9:30am-10:45am (TYD 2108) Zack, M.
0201 (12206) TuTh.....12:30pm- 1:45pm (DNC 1147A) Dallas, H.
0401 (12207) TuTh.....12:30pm- 1:45pm (ARM 0116) Zack, M.
0501 (12208) TuTh.....11:00am-12:15pm (TYD 2111) Dallas, H.

ECON441 **Theory of International Economics; Grade Method: REG/P-F/AUD.** *Prerequisite: ECON 305 or ECON 405, and ECON 306 or ECON 406. Credit will be granted for only one of the following: ECON 440 or ECON 441.* 3 credits
0101 (12218) TuTh.....12:30pm- 1:45pm (TYD 1116) Panagariya, A.

ECON454 **Theory of Public Finance and Fiscal Federalism; Grade Method: REG/AUD.** *Prerequisite: ECON 306 or ECON 406. Credit will be granted for only one of the following: ECON 450 or ECON 454.* 3 credits
0101 (12228) TuTh.....11:00am-12:15pm (TYD 2110) Hulten, C.
0201 (12229) TuTh..... 2:00pm- 3:15pm (TYD 1102) Hoff, K.

ECON458 **Law and Economics; Grade Method: REG/P-F/AUD.** *Prerequisite: ECON 306.* 3 credits
0101 (12239) TuTh.....11:00am-12:15pm (TYD 0111) Weinstein, P.

ECON480 **Industrial Organization; Grade Method: REG/P-F/AUD.** *Prerequisite: ECON 306 or ECON 406* 3 credits
0101 (12249) TuTh.....11:00am-12:15pm (TYD 2106) Evans, W.
0201 (12250) TuTh..... 9:30am-10:45am (TYD 1114) Evans, W.

ECON800 (PermReq) **Analytical Techniques for Economists; Grade Method: REG/AUD.** *Prerequisite: permission of department.* Advanced special students not permitted. 3 credits
0101 (12260) TuTh..... 9:30am-10:45am (TYD 2110) Murrell, P.
M..... 3:00pm- 5:00pm (TYD 2110) Dis
0201 (12261) TuTh.....12:30pm- 1:45pm (TYD 0101) Sakellaris, P.
Th..... 3:30pm- 5:30pm (TYD 1102) Dis

ECON801 **Macroeconomic Analysis I; Grade Method: REG/AUD.** *Prerequisite: ECON 600 or permission of department.* 3 credits
0101 (12271) MW..... 9:30am-10:45am (TYD 1106) Drazen, A.
M..... 5:00pm- 7:00pm (TYD 1114) Dis
0201 (12272) MW.....11:00am-12:15pm (TYD 2100) Drazen, A.
F..... 2:00pm- 3:15pm (TYD 1114) Dis

ECON803 **Microeconomic Analysis I; Grade Method: REG/AUD.** *Prerequisite: ECON 600 or permission of department* 3 credits
0101 (12282) TuTh..... 2:00pm- 3:15pm (TYD 2100) Schwab, R.
W..... 5:15pm- 6:45pm (TYD 0101) Dis
0201 (12283) TuTh.....11:00am-12:15pm (TYD 2100) Ausubel, L.
F.....12:30pm- 1:45pm (TYD 2111) Dis

ECON811 (PermReq) **Seminar in American Economic Development; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (12293) TuTh..... 9:30am-10:45am (TYD 2140) Wallis, J.

ECON815 **Economic Development of Less-Developed Areas; Grade Method: REG/AUD.** *Prerequisite: ECON 603 or permission of department.* Course is team taught by Dr. Clague and Dr. Swamy. 3 credits
0101 (12303) TuTh..... 9:30am-10:45am (TYD 1132) Clague, C.

ECON822 **Quantitative Methods II; Grade Method: REG/AUD.** *Prerequisite: ECON 621 or permission of department.* Advanced special students not permitted. 3 credits
0101 (12313) TuTh..... 5:00pm- 6:15pm (TYD 2110) Kelejian, H.
Tu..... 3:30pm- 5:00pm (TYD 1132) Dis

ECON824 **Econometrics II; Grade Method: REG/AUD.** *Prerequisite: ECON 623 or permission of department.* 3 credits
0101 (12323) TuTh.....12:30pm- 1:45pm (TYD 1132) Prucha, I.
M..... 4:30pm- 7:00pm (TYD 0101) Dis

ECON825 (PermReq) **Quantitative Methods in Practice; Grade Method: REG/AUD.** *Prerequisite: ECON 621 or equivalent.* 3 credits
0101 (12333) TuTh.....12:30pm- 1:45pm (TYD 2140) Almon, C.

ECON881 **The Corporate Firm; Grade Method: REG/AUD.** *Prerequisites: ECON 603, and ECON 662 or ECON 624* 3 credits
0101 (12343) MW..... 9:30am-10:45am (TYD 1132) Ausubel, L.

ECON898 (PermReq) **Selected Topics in Economics; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number.** 3 credits

ECON898O **Selected Topics in Economics; Grade Method: REG/AUD.** 3 credits
0101 (12401) Th..... 6:30pm- 9:00pm (TYD 1108) Prucha, I.

ECON701 (PermReq) **Advanced Macroeconomics I; Grade Method: REG/AUD.** *Prerequisite: ECON 601; and ECON 602* 3 credits
0101 (12411) TuTh..... 8:00am- 9:15am (TYD 2140) Dellas, H.

ECON704 **Advanced Microeconomics II; Grade Method: REG/AUD.** *Prerequisites: ECON 603 and ECON 604* 3 credits
0101 (12421) TuTh..... 9:30am-10:45am (TYD 2100) STAFF

ECON722 **Econometrics IV; Grade Method: REG/AUD.** *Prerequisite: ECON 721 or permission of instructor.* 3 credits
0101 (12431) TuTh.....12:30pm- 1:45pm (TYD 0102) Kelejian, H.

ECON742 **Advanced International Economics II; Grade Method: REG/AUD.** *Prerequisite: ECON 603 or permission of department.* Advanced special students not permitted. 3 credits
0101 (12441) TuTh..... 2:00pm- 3:15pm (TYD 2140) Panagariya, A.

ECON752 **Seminar in Public Finance; Grade Method: REG/AUD.** *Prerequisite: ECON 751.* 3 credits
0101 (12451) MW.....12:30pm- 1:45pm (TYD 0102) Lyon, A.

ECON755 **Theory of Public Choice I; Grade Method: REG/AUD.** *Prerequisite: ECON 604 or permission of department* 3 credits
0101 (12461) MW.....11:00am-12:15pm (TYD 1114) Olson, M.

ECON771 **Advanced Labor Economics: Theory and Evidence; Grade Method: REG/AUD.** *Prerequisite: ECON 603, and (ECON 621, or ECON 624) or permission of department* 3 credits
0101 (12471) TuTh.....11:00am-12:15pm (TYD 2140) Abraham, K.

ECON781 **Environmental Economics; Grade Method: REG/AUD.** *Prerequisites: ECON 603 and (ECON 621 or ECON 624) or permission of department* 3 credits
0101 (12481) MW..... 2:00pm- 3:15pm (TYD 1132) Oates, W.

ECON799 **Master's Thesis Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number.** 1-6 credits

ECON808 **Workshop on Macroeconomics and Growth: Workshop in Applied Economics; Grade Method: S-F/AUD.** 3 credits
0101 (12540) W..... 3:30pm- 6:00pm (TYD 2100) Drazen, A.

ECON848 **Workshop in International Development, and Comparative Economics: Workshop in Trade and Development; Grade Method: S-F/AUD.** 3 credits
0101 (12550) Tu..... 3:30pm- 6:00pm (TYD 2111) STAFF

ECON858 (PermReq) **Workshop in Public Economics: Public Economics Workshop; Grade Method: S-F/AUD.** 3 credits
0101 (12560) M..... 3:30pm- 6:00pm (TYD 1132) Oates, W.

ECON868 (PermReq) **Workshop in Industrial Organization; Grade Method: S-F/AUD.** 3 credits
0101 (12570) Tu..... 3:30pm- 6:00pm (TYD 0101) STAFF

ECON878 **Workshop in Labor Economics: Workshop in Labor Economics; Grade Method: S-F/AUD.** 3 credits
0101 (12580) Th..... 3:30pm- 6:00pm (TYD 0101) Abraham, K.

ECON899 **Doctoral Dissertation Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number.** 1-8 credits

EDCI Curriculum and Instruction (Education)

EDCI280 **School Service Semester; Grade Method: S-F.** 3 credits
0101 (12689) M.....11:00am-11:50am (EDU 1121) STAFF
Tu..... 8:00am- 4:00pm (Arranged) Lab
0102 (12690) M.....11:00am-11:50am (EDU 1121) STAFF
Th..... 8:00am- 4:00pm (Arranged) Lab
0201 (12691) Th..... 3:00pm- 3:50pm (EDU 0114) STAFF
M..... 8:00am- 4:00pm (Arranged) Lab
0202 (12692) Th..... 3:00pm- 3:50pm (EDU 0114) STAFF
MW..... 8:00am-12:00pm (Arranged) Lab
0203 (12693) Th..... 3:00pm- 3:50pm (EDU 0114) STAFF
W..... 8:00am- 4:00pm (Arranged) Lab
0301 (12694) Tu..... 3:00pm- 3:50pm (EDU 1121) STAFF
Tu..... 8:00am- 3:00pm (Arranged) Lab
0401 (12695) W..... 3:00pm- 3:50pm (EDU 1107) STAFF
W..... 8:00am- 3:00pm (Arranged) Lab

EDCI288D (PermReq) **Special Topics in Teacher Education: Developmental Heuristics; Grade Method: REG.** 3 credits
0101 (12705) Time and room to be arranged Beyene, T.

EDCI288M (PermReq) **Special Topics in Teacher Education: Tutoring in Remedial Mathematics; Grade Method: REG/P-F/AUD.** 1-3 credits
0101 (12715) Time and room to be arranged Shearn, E.

EDCI298 (PermReq) **Special Problems in Teacher Education; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number.** 1-6 credits

EDCI300 **Curriculum and Instruction in Art Education; Grade Method: REG/P-F/AUD.** *Prerequisite: admission to Teacher Education Program.* Art education majors only. 3 credits
0101 (12790) Tu..... 1:00pm- 4:00pm (EDU 1515) Craig, R.

EDCI301 **Teaching Art in the Elementary School; Grade Method: REG/P-F/AUD.** *For elementary and pre-elementary education majors only. Not open to art education majors.* 3 credits
0101 (12800) M..... 1:00pm- 4:00pm (EDU 1515) STAFF
0201 (12801) W..... 1:00pm- 4:00pm (EDU 1515) STAFF

EDCI312 (PermReq) **Professional Development Seminar in Early Childhood Education; Grade Method: REG/P-F/AUD.** *Prerequisite: EDCI 280 or permission of department. For ECE majors only.* Blocked with EDCI 313, EDCI 443A, EDCI 486E and EDHD 419A. 3 credits
0101 (12811) M..... 1:00pm- 3:45pm (EDU 2101) Amershek, K.
0201 (12812) W..... 1:00pm- 3:45pm (EDU 2101) Amershek, K.

EDCI313 (PermReq) **Creative Activities and Materials for the Young Child; Grade Method: REG/P-F/AUD.** *Prerequisite: EDCI 280. Corequisites: EDHD 300, and MUED 450, and EDCI 318; and EDCI 314.* Field experiences scheduled on Monday and Wednesday. Blocked with EDCI 443A, 512, 486E, EDHD 419A. Early childhood majors only. 3 credits
0101 (12822) Th.....10:00am-12:00pm (EDU 1107) Klein, E.
Time and room to be arranged Lab
0201 (12823) Th.....10:00am-12:00pm (EDU 1107) Klein, E.
Time and room to be arranged Lab

EDCI320 **Curriculum and Instruction in Secondary Education: Social Studies/ History; Grade Method: REG/P-F/AUD.** *Prerequisites: EDHD 300; and EDCI 390.* Secondary education social studies majors only. 3 credits
0101 (12833) M..... 4:00pm- 7:00pm (SCP 1101) STAFF

EDCI322A **Curriculum and Instruction in Elementary Education: Social Studies; Grade Method: REG/P-F/AUD.** *Prerequisites: EDCI 397; and EDHD 300.* Teamed with EDCI 342A, 352A, 362A, and 572A. Elementary education majors only. 3 credits
0101 (12843) M..... 1:00pm- 3:00pm (EDU 1121) Jantz, R.
Time and room to be arranged Lab

EDCI322B **Curriculum and Instruction in Elementary Education: Social Studies; Grade Method: REG/P-F/AUD.** *Prerequisites: EDCI 397; and EDHD 300.* Teamed with EDCI 342B, 352B, 362B, and 572B. Elementary education majors only. 3 credits
0101 (12853) Th..... 1:00pm- 3:00pm (EDU 0206) VanSledright, B
Time and room to be arranged Lab

EDCI330 (PermReq) **Curriculum and Instruction in Secondary Education: Foreign Language; Grade Method: REG/P-F/AUD.** *Prerequisites: EDHD 300; and EDCI 390, and permission of department.* 3 credits
0101 (12863) W..... 4:15pm- 7:00pm (EDU 2203) Delorenzo, M.

EDCI340 **Curriculum and Instruction in Secondary Education: English/ Speech/ Theatre; Grade Method: REG/P-F/AUD.** *Prerequisites: EDHD 300; and EDCI 390. Corequisite: EDCI 447.* Secondary English/speech/drama education majors only. 3 credits
0101 (12875) MW..... 2:00pm- 3:15pm (EDU 3315) Slater, M.

EDCI342A **Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG/P-F/AUD.** *Prerequisites: EDCI 397; and EDHD 300.* Teamed with EDCI 352A, 362A, 372A, and 322A. Elementary education majors only. 3 credits
0101 (12883) W..... 1:00pm- 3:00pm (EDU 1121) Roderick, J.
Time and room to be arranged Lab

EDCI342B **Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG/P-F/AUD.** *Prerequisites: EDCI 397; and EDHD 300.* Teamed with EDCI 352B, 362B, 372B, 322B. Elementary education majors only. 3 credits
0101 (12893) Tu..... 1:00pm- 3:00pm (EDU 1121) O'Flahavan, J.
Time and room to be arranged Lab

EDCI350 **Curriculum and Instruction in Secondary Education: Mathematics; Grade Method: REG.** *Prerequisites: EDHD 300; and EDCI 390. Six semester hours of 400-level mathematics courses required.* Secondary math education majors only. 3 credits
0101 (12903) TuTh..... 2:00pm- 3:15pm (EDU 2121) Davidson, N.

EDCI352A **Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 210, and MATH 211, and EDCI 397, and EDHD 300.* Teamed with EDCI 322A, EDCI 342A, EDCI 362A, EDCI 372A. Elementary education majors only. 3 credits
0101 (12913) MW.....10:30am-11:20am (EDU 2121) Johnson, M.
Time and room to be arranged Lab

EDCI352B **Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 210, and MATH 211; and EDCI 397, and EDHD 300* Teamed with EDCI 322B, EDCI 342B, EDCI 362B, EDCI 372B. Elementary education majors only. 3 credits
0101 (12923) Tu..... 9:30am-11:20am (EDU 2121) Graeber, A.
Time and room to be arranged Lab

EDCI362A **Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG/P-F/AUD.** *Prerequisites: EDCI 397, and EDHD 300* Teamed with EDCI 322A, 342A, 352A, 372A. Elementary education majors only. 3 credits
0101 (12933) W..... 8:30am-10:20am (EDU 1121) Gambrell, L.
Time and room to be arranged Lab

EDCI362B **Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG/P-F/AUD.** *Prerequisites: EDCI 397, and EDHD 300* Teamed with EDCI 322B, 342B, 352B, 372B. Elementary education majors only. 3 credits
0101 (12943) Th..... 9:30am-11:20am (EDU 2121) Afflerbach, P.
Time and room to be arranged Lab

EDCI370 **Curriculum and Instruction in Secondary Education: Science; Grade Method: REG/P-F/AUD.** *Prerequisites: EDHD 300, and EDCI 390.* Reserve one day per week for school observations. Secondary education science majors only. 3 credits
0101 (12953) TuTh..... 2:00pm- 3:50pm (EDU 2212) Layman, J.

EDCI372A **Curriculum and Instruction in Elementary Education: Science; Grade Method: REG/P-F/AUD.** *Prerequisites: EDCI 397, and EDHD 300* Teamed with EDCI 322A, 342A, 352A, 362A. Elementary education majors only. 3 credits
0101 (12963) M..... 8:30am-10:20am (EDU 2212) STAFF
Time and room to be arranged Lab

EDCI372B **Curriculum and Instruction in Elementary Education: Science; Grade Method: REG/P-F/AUD.** *Prerequisites: EDCI 397, and EDHD 300* Teamed with EDCI 322B, 342B, 352B, 362B. Elementary education majors only. 3 credits
0101 (12973) TuTh..... 8:30am- 9:20am (EDU 2212) Jaselevich, S.
Time and room to be arranged Lab

EDCI385 **Computers for Teachers; Grade Method: REG/P-F/AUD.** *Prerequisite: admission to teacher education. Credit will be granted for only one of the following: EDCI 385, EDCI 487, EDIT 406, EDIT 477, or EDSP 480.* Elementary education majors only. Early childhood education majors take EDCI 488E. 3 credits
0101 (12983) TuTh..... 2:00pm- 3:15pm (EDU 0202) STAFF
0201 (12984) MW..... 8:30am- 9:45am (EDU 0202) STAFF

EDCI386 (PermReq) **Experiential Learning; Grade Method: REG/P-F. Individual instruction course: contact department or instructor to obtain section number.** *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3-6 credits

EDCI390 **Principles and Methods of Secondary Education; Grade Method: REG/P-F/AUD.** *Pre- or corequisite: EDHD 300, or permission of department.* Open to secondary education majors. Open also to majors 0803C, 0803G, 0803H, 0839B, 0839C, 0835O, 0837O, 0838O. 3 credits
0101 (13059) M..... 4:15pm- 7:00pm (EDU 0212) STAFF
0201 (13060) W..... 7:00pm- 9:45pm (EDU 1121) STAFF

EDCI397 **Principles and Methods of Teaching in Elementary Schools; Grade Method: REG/P-F/AUD.** *Prerequisite: admission to teacher education. For elementary education majors only.* 3 credits
0101 (13070) TuTh..... 9:30am-10:45am (EDU 2101) Jantz, R.
0201 (13071) MW..... 2:00pm- 3:15pm (EDU 0114) STAFF
0301 (13072) Time and room to be arranged STAFF
This section is for EDSP and EDCI students.

EDCI401 **Student Teaching in Elementary School: Art; Grade Method: S-F.** *Prerequisite: EDCI 300. Limited to art education majors who have previously applied.* 4-8 credits
0101 (13082) Time and room to be arranged McWhinnie, H.

EDCI402 **Student Teaching in Secondary Schools: Art; Grade Method: S-F.** *Prerequisite: EDCI 300.* 2-8 credits
0101 (13092) Time and room to be arranged McWhinnie, H.

EDCI406 (PermReq) **Practicum in Art Education: Two-Dimensional; Grade Method: REG/P-F/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (13102) Th..... 1:00pm- 4:00pm (EDU 1515) Craig, R.

EDCI411 **Student Teaching: Preschool; Grade Method: S-F.** *For EDCI majors only.* 4 credits
0101 (13112) Time and room to be arranged STAFF

EDCI412 **Student Teaching: Kindergarten; Grade Method: S-F.** *For EDCI majors only.* 4 credits
0101 (13122) Time and room to be arranged STAFF

EDCI413 **Student Teaching: Primary Grades; Grade Method: S-F.** *For EDCI majors only.* 8 credits
0101 (13132) Time and room to be arranged STAFF

EDCI420 Student Teaching Seminar in Secondary Education: Social Studies; Grade Method: S-F. *Corequisite: EDCI 421 or EDCI 422.* — 3 credits
0101 (13142) M..... 4:00pm- 7:00pm (JMZ 0204) — STAFF

EDCI421 Student Teaching in Secondary Schools: Social Studies/History; Grade Method: S-F. *Prerequisite: EDCI 320 Corequisite: EDCI 420* — 12 credits
0101 (13152) Time and room to be arranged — Cirrincione, J.

EDCI426 Methods of Teaching Social Studies in Secondary Schools; Grade Method: REG/P-F/AUD. *Prerequisites: EDHD 300; and EDCI 390* — 3 credits
0101 (13162) M..... 4:00pm- 7:00pm (SCP 1101) — STAFF

EDCI434 Methods of Teaching English to Speakers of Other Languages; Grade Method: REG/P-F/AUD. — 3 credits
0101 (13172) W..... 4:15pm- 7:00pm (EDU 0114) — Wong, S.

EDCI435 (PermReq) Teaching Reading in a Second Language; Grade Method: REG/P-F/AUD. *Prerequisite: permission of department* — 3 credits
0101 (13182) Tu..... 4:15pm- 7:00pm (EDU 2212) — Wong, S.

EDCI438 (PermReq) Field Experience in TESOL; Grade Method: REG/P-F/AUD. Prerequisite: EDCI 434 or equivalent. — 3 credits
0101 (13192) Time and room to be arranged — Wong, S.

EDCI440 Student Teaching Seminar in Secondary Education: English, Speech, Theatre; Grade Method: S-F. *Prerequisite: EDCI 340. Corequisite: EDCI 441.* Meets Sept. 15, Oct. 13, Nov.10, Dec. 1. — 1 credit
0101 (13202) W..... 4:15pm- 5:45pm (ASV 3221) — Slater, W.
Time and room to be arranged Lab

EDCI441 Student Teaching in Secondary Schools: English; Grade Method: S-F. *Prerequisite: EDCI 340 or EDCI 442 or EDCI 448. Corequisite: EDCI 440* — 6-12 credits
0101 (13212) Time and room to be arranged — Slater, W.

EDCI442 Student Teaching in Secondary Schools: Speech; Grade Method: S-F. *Prerequisite: EDCI 340 Corequisite: EDCI 440.* — 6-12 credits
0101 (13222) Time and room to be arranged — McCaleb, J.

EDCI443A (PermReq) Literature for Children and Youth; Grade Method: REG/P-F/AUD. *For elementary education and pre-elementary education majors only.* For early childhood majors only. Blocked with EDCI 312, EDCI 313, EDCI 488E, EDHD 419A. — 3 credits
0101 (13232) Th..... 1:00pm- 3:00pm (EDU 1121) — Saracho, O.
Time and room to be arranged Lab
0201 (13233) Th..... 1:00pm- 3:00pm (EDU 0114) — STAFF
Time and room to be arranged Lab

EDCI448 Methods of Teaching English, Speech, Theatre in Secondary Schools; Grade Method: REG. *Prerequisites: EDHD 300, and EDCI 390, or permission of department* — 3 credits
0101 (13243) MW..... 2:00pm- 3:15pm (EDU 3315) — Slater, W.

EDCI447 Field Experience in English, Speech, Theatre Teaching; Grade Method: S-F. *Corequisite: EDCI 340.* Secondary English/speech/drama education majors only. — 1 credit
0101 (13253) Time and room to be arranged — Slater, W.

EDCI448 Student Teaching in Secondary Schools: Theatre; Grade Method: S-F. — 6-12 credits
0101 (13263) Time and room to be arranged — McCaleb, J.

EDCI450 Student Teaching Seminar in Secondary Education: Mathematics; Grade Method: REG/P-F/AUD. *Corequisite: EDCI 451* — 3 credits
0101 (13273) M..... 4:15pm- 7:00pm (EDU 2121) — STAFF

EDCI451 Student Teaching in Secondary Schools: Mathematics; Grade Method: S-F. *Prerequisite: EDCI 350* — 12 credits
0101 (13283) Time and room to be arranged — STAFF

EDCI453 (PermReq) Mathematics in the Elementary School; Grade Method: REG/P-F/AUD. *Prerequisite: MATH 210 or equivalent.* Masters certification students only. — 3 credits
0101 (13293) TuTh.....12:30pm- 1:45pm (EDU 2121) — Graeber, A.

EDCI456 Teaching Mathematics to the Educationally Handicapped; Grade Method: REG/P-F/AUD. *Prerequisites: EDSP 331, and EDSP 332, and EDSP 333, and EDSP 443, and MATH 210 or permission of department.* For special education majors only. — 3 credits
0101 (13303) MW..... 1:15pm- 2:30pm (EDU 2121) — Carey, D.

EDCI463 The Teaching of Reading in the Secondary School; Grade Method: REG/P-F/AUD. — 3 credits
0101 (13313) M..... 4:15pm- 7:00pm (EDU 1121) — Davey, H.
0201 (13314) Tu..... 4:15pm- 7:00pm (EDU 2102) — Davey, H.

EDCI464 Clinical Practices in Reading Diagnosis and Instruction; Grade Method: REG/P-F/AUD. *Prerequisite: EDCI 362 or EDCI 463* — 3 credits
0101 (13324) M..... 4:15pm- 7:00pm (EDU 2101) — Saracho, O.
0201 (13325) Th..... 4:15pm- 7:00pm (EDU 0206) — Grant, R.

EDCI467 Teaching Writing; Grade Method: REG/P-F/AUD. — 3 credits
0101 (13335) Th..... 4:00pm- 7:00pm (EDU 1121) — Slater, W.

EDCI473 Environmental Education; Grade Method: REG/P-F/AUD. Open to non-education majors. — 3 credits
0101 (13345) M..... 4:15pm- 7:00pm (EDU 2212) — Messersmith, D.

EDCI481 Student Teaching: Elementary; Grade Method: S-F. *For EDCI majors only.* Limited to elementary majors who have previously applied. — 12 credits
0101 (13355) Time and room to be arranged — STAFF

EDCI484 Student Teaching in Elementary School: Music; Grade Method: S-F. *For EDCI majors only.* Limited to music education majors enrolled in the Department of Curriculum and Instruction who have previously applied. — 4-6 credits
0101 (13365) Time and room to be arranged — Folstrom, R.

EDCI485 Student Teaching in Elementary School: Physical Education; Grade Method: S-F. *For EDCI majors only.* Limited to majors who have previously applied. — 4-8 credits
0101 (13375) Time and room to be arranged — Owens, L.

EDCI488E (PermReq) Selected Topics in Teacher Education: Field Problem Analysis; Grade Method: REG. Prequisite: admission to teacher education. Blocked with EDCI 313, EDCI 443A, EDCI 312, EDHD 419A. Early childhood education majors only. — 3 credits
0101 (13385) Time and room to be arranged — Fein, G.
Time and room to be arranged Lab
0201 (13386) Time and room to be arranged — STAFF
Time and room to be arranged Lab

EDCI489 (PermReq) Field Experiences in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

EDCI491 Student Teaching in Secondary Schools: Health; Grade Method: S-F. *For EDCI majors only* — 12 credits
0101 (13458) Time and room to be arranged — Owens, L.

EDCI494 Student Teaching in Secondary Schools: Music; Grade Method: S-F. *For EDCI majors only.* — 2-8 credits
0101 (13468) Time and room to be arranged — Folstrom, R.

EDCI495 Student Teaching in Secondary Schools: Physical Education; Grade Method: S-F. *For EDCI majors only.* — 2-8 credits
0101 (13478) Time and room to be arranged — Owens, L.

EDCI498 (PermReq) Special Problems in Teacher Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI600 Trends in Art Education Curriculum; Grade Method: REG/AUD. — 3 credits
0101 (13552) M..... 4:15pm- 7:00pm (ASV 3219) — McWhinnie, H.

EDCI610 Curriculum for Early Childhood Education; Grade Method: REG/AUD. — 3 credits
0101 (13562) M..... 4:15pm- 7:00pm (EDU 0202) — Klein, E.

EDCI614 Intellectual and Creative Experiences in Early Childhood Education; Grade Method: REG/AUD. — 3 credits
0101 (13572) Th..... 4:15pm- 7:00pm (EDU 2121) — Fein, G.

EDCI637 (PermReq) Advanced Laboratory Practice in Foreign Language/TESOL Education; Grade Method: REG/AUD. *Prerequisites: EDCI 434, and EDCI 634, or permission of department.* — 2-6 credits
0101 (13592) Time and room to be arranged — Wong, S.

EDCI650 Trends in Mathematics Education; Grade Method: REG/AUD. — 3 credits
0101 (13602) W..... 4:15pm- 7:00pm (EDU 2121) — Carey, D.

EDCI660 Corrective Reading Instruction; Grade Method: REG/AUD. *Prerequisite: EDCI 362 or EDCI 463 or equivalent.* — 3 credits
0101 (13612) Th..... 4:15pm- 7:00pm (EDU 1203) — Dreher, M.

EDCI664 Clinical Assessment in Reading; Grade Method: REG/AUD. *Prerequisites: EDCI 660, and EDCI 663 or EDCI 667* — 3 credits
0101 (13622) M..... 4:15pm- 7:00pm (EDU 2203) — Afflerbach, P.

EDCI666 The Role of the Reading Resource Teacher; Grade Method: REG/AUD. *Prerequisites: EDCI 663 or EDCI 667, and EDMS 645.* — 3 credits
0101 (13632) W..... 4:15pm- 7:00pm (EDU 1121) — Gambrell, L.

EDCI683 Implementation of Curricular Specialties; Grade Method: REG/AUD. — 3 credits
0101 (13642) W..... 7:00pm- 9:45pm (EDU 2102) — Howard, B.

EDCI684 Introduction to Field Methods in School and Community; Grade Method: REG/AUD. — 3 credits
0101 (13652) Th..... 4:15pm- 7:00pm (EDU 2101) — Roderick, J.

EDCI685 Research Methods; Grade Method: REG/AUD. — 3 credits
0101 (13662) Tu..... 4:15pm- 7:00pm (EDU 2203) — Dreher, M.

EDCI693 (PermReq) Research on Effective Teaching; Grade Method: REG. *Prerequisite: permission of department.* Masters certification students only. — 3 credits
0101 (13672) Th..... 9:00am-12:00pm (EDU 0202) — VanSledright, B

EDCI695 Teaching Science and Social Studies through Environmental Study; Grade Method: REG/AUD. *For EDCI majors only* — 3 credits
0101 (13682) M..... 1:00pm- 4:00pm (EDU 2212) — Jasalavich, S.

EDCI720 (PermReq) Theory and Research in Social Studies Education; Grade Method: REG/AUD. *Prerequisites: EDCI 620 or EDCI 622, and EDMS 645.* — 3 credits
0101 (13692) Time and room to be arranged — Cirrincione, J.

EDCI730 (PermReq) Theory and Research in Secondary Education: Foreign Language/ESOL; Grade Method: REG/AUD. *Prerequisite: permission of department.* — 3 credits
0101 (13702) M..... 4:15pm- 7:00pm (EDU 2234) — Delorenzo, W.

EDCI769 Theory and Research in Reading; Grade Method: REG/AUD. — 3 credits
0101 (13712) W..... 4:15pm- 7:00pm (ASV 3211) — Grant, R.

EDCI770 Foundations of Science Education; Grade Method: REG/AUD. *Prerequisite: EDCI 670 or EDCI 671, or permission of department.* — 3 credits
0101 (13722) Th..... 4:15pm- 7:00pm (EDU 2212) — Holliday, W.

EDCI780 Theory and Research on Teaching; Grade Method: REG/AUD. — 3 credits
0101 (13732) Th..... 4:15pm- 7:00pm (ASV 3207) — Saracho, O.

EDCI788 Selected Topics in Teacher Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDCI788G Selected Topics in Teacher Education: Proseminar; Grade Method: REG/AUD. For Master's certification students only. — 1 credit
0101 (13743) F..... 9:00am-10:00am (EDU 0212) — McCaleb, J.
0201 (13744) F.....10:00am-11:00am (EDU 0212) — McCaleb, J.

EDCI788I (PermReq) Selected Topics in Teacher Education: Teaching of Reading and Writing: Elementary and Secondary; Grade Method: REG. Masters certification students only. — 3 credits
0101 (13754) Tu..... 4:00pm- 7:00pm (EDU 1121) — O'Flahavan, J.

EDCI788N Selected Topics in Teacher Education: Doctoral Seminar in Science Education; Grade Method: REG/AUD. — 1 credit
0101 (13764) Th..... 7:00pm- 9:00pm (EDU 2212) — Howe, A.

EDCI798 (PermReq) Special Problems in Teacher Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI858 Seminar in Mathematics Education; Grade Method: REG/AUD. — 1 credit
0101 (13890) F.....10:00am-12:00pm (EDU 2121) — Graeber, A.
Time and room to be arranged Dis

EDCI880 (PermReq) Doctoral Proposal Seminar; Grade Method: REG/AUD. *Prerequisites: EDCI 685, and EDCI 780, and permission of department.* — 3 credits
0201 (13900) W..... 4:15pm- 7:00pm (EDU 2234) — Fein, G.

EDCI888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

EDCI889 (PermReq) Internship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDCI899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

EDCP Education Counseling and Personnel Services (Education)

All sections of EDCP 108, except EDCP 108R, closed to seniors.

EDCP108B College and Career Advancement: Concepts and Skills: Reading and Study Skills; Grade Method: REG/P-F/AUD. — 1 credit
0201 (14130) MW..... 9:00am- 9:50am (SHM 2102) — Van Brunt, J.

EDCP108D College and Career Advancement: Concepts and Skills: Career Planning and Decision Making; Grade Method: REG/P-F/AUD. Recommended for second semester freshmen and sophomores. — 1 credit
0101 (14140) M..... 1:00pm- 3:00pm (EDU 0202) — STAFF
0201 (14141) M..... 2:00pm- 4:00pm (EDU 0206) — STAFF
0301 (14142) Tu.....12:00pm- 2:00pm (EDU 0202) — STAFF
0401 (14143) Tu..... 2:00pm- 4:00pm (EDU 0206) — STAFF
0601 (14144) M..... 2:00pm- 4:00pm (EDU 0206) — STAFF

EDCP108G College and Career Advancement: Concepts and Skills: Academic Strategies for Transfer Students; Grade Method: REG/P-F/AUD. — 1 credit
0101 (14154) MW.....12:00pm- 1:00pm (KEY 0125) — Van Brunt, J.

EDCP108J College and Career Advancement: Concepts and Skills: Job Search Strategy; Grade Method: REG/P-F/AUD. Recommended for Criminology/Criminal Justice majors. Junior or Senior standing. — 1 credit
0301 (14164) Th..... 5:00pm- 7:00pm (Arranged) — Sanders, B.
0401 (14165) W..... 3:00pm- 4:30pm (TYD 0111) — Wellford, C.
Recommended for criminology/criminal justice majors. Junior or senior standing.

EDCP108K College and Career Advancement: Concepts and Skills: Reading at the College Level; Grade Method: REG. — 1 credit
0101 (14175) Tu.....10:00am-12:00pm (EDU 0202) — STAFF

EDCP108L College and Career Advancement: Concepts and Skills: Listening and Note-Taking; Grade Method: REG/P-F/AUD. — 1 credit
0101 (14185) Tu.....10:00am-12:00pm (EDU 0206) — STAFF

EDCP108M College and Career Advancement: Concepts and Skills: Math Study Skills and Building Confidence; Grade Method: REG/AUD. — 1 credit
0101 (14195) Meets 09/08/93-10/15/93 — Shearn, E.
MWF..... 1:00pm- 1:50pm (PHY 1221)
Enrollment limited to students concurrently enrolled in MATH 001 and MATH 002.
0201 (14196) Meets 09/08/93-10/15/93 — Shearn, E.
MWF..... 2:00pm- 2:50pm (EGR 0102)
Enrollment limited to students concurrently enrolled in MATH 115 only.
0301 (14197) Meets 09/07/93-10/14/93 — Hight, O.
TuTh..... 9:30am-10:15am (ARM 0121)
Enrollment limited to students concurrently enrolled in MATH 001 and MATH 002.

EDCP108N College and Career Advancement: Concepts and Skills: Minority Students; Grade Method: REG. Hispanic students are encouraged to register for these sections taught by a Hispanic instructor: 0112, 0113. — 1 credit
0101 (14207) M..... 2:00pm- 3:00pm (HBK 0117) — Bass, D.
0102 (14208) M..... 3:00pm- 4:00pm (HBK 1108) — Smith, J.
0105 (14209) F..... 9:00am-10:00am (HBK 0123) — Zeigler, R.
0106 (14210) F.....10:00am-11:00am (HBK 0123) — Bobo, D.
0108 (14211) Th.....10:00am-11:00am (HBK 0115) — Jackson, J.
0109 (14212) Th.....11:00am-12:00pm (HBK 0105) — Fuertes, J.
0111 (14213) M.....10:00am-11:00am (HBK 0123) — Zeigler, R.
0112 (14214) M.....11:00am-12:00pm (HBK 0123) — Jackson, J.
0113 (14215) Tu.....12:00pm- 1:00pm (HBK 0105) — Fuertes, J.
0114 (14216) Th.....12:00pm- 1:00pm (HBK 0105) — Smith, J.

EDCP108O College and Career Advancement: Concepts and Skills: The Student in the University; Grade Method: REG. For first-time freshman only. Sections 2101, 3401 and 3501 for transfers only. — 1 credit
0101 (14226) M..... 2:00pm- 4:00pm (EGR 3111) — Fines, J.
Recommended for engineering majors.
0201 (14227) Tu.....10:00am-12:00pm (EGR 0102) — Rooney, E.
Recommended for engineering majors.
0301 (14228) W..... 3:00pm- 5:00pm (EGR 0102) — STAFF
Recommended for engineering majors.
0401 (14229) Th..... 3:00pm- 5:00pm (EGR 0102) — Berman, M.
Recommended for engineering majors.
0501 (14230) Th.....10:00am-12:00pm (JMZ 1117) — Beardsley, K.
Recommended for students in Behavioral and Social Sciences.
0601 (14231) Time and room to be arranged — Saddler-Assem,
Reserved for students in the Engineering Bridge Program.
0701 (14232) Tu..... 2:00pm- 4:00pm (HAG 1125) — Higgins, W.
Recommended for students in the College of Life Sciences.
0801 (14233) Th..... 2:00pm- 4:00pm (Arranged) — STAFF
Recommended for students in the College of Life Sciences.
0901 (14234) Tu..... 9:00am-11:00am (SYM 0115) — Klavon, A.
Recommended for students in the College of Life Sciences.
1001 (14235) Tu..... 2:00pm- 4:00pm (JUL 1105) — STAFF
Recommended for students in the College of Agriculture.
1101 (14236) W..... 9:00am-11:00am (ARM 0119) — Anderson, A.
Recommended for students in the College of Life Sciences.
1201 (14237) W.....10:00am-12:00pm (EGR 3108) — Williams, T.
Recommended for students in the College of Computer, Math and Physical Sciences.
1301 (14238) W..... 1:00pm- 3:00pm (EDU 0202) — Angelatti, K.
Recommended for students in the College of Education.
1401 (14239) Tu.....10:00am-12:00pm (EGR 3114) — STAFF
1501 (14240) W..... 8:00am-10:00am (ARM 0105) — Kirwan, W.
1601 (14241) W..... 2:00pm- 4:00pm (KEY 0120) — Mirhadi, S.
Recommended for students in the College of Business and Management.
1701 (14242) Tu..... 1:00pm- 3:00pm (COL 3114) — STAFF
1801 (14243) W..... 3:00pm- 5:00pm (JMZ 1104) — Vanderwall, D.
1901 (14244) M..... 2:00pm- 4:00pm (TWS 0135) — STAFF
2001 (14245) Tu..... 2:00pm- 4:00pm (TWS 0131) — STAFF
2101 (14246) Th..... 2:00pm- 4:00pm (JMZ 0125) — Killmeyer, M.
Recommended for transfer students with 15+ credits only.
2201 (14247) Tu.....10:00am-12:00pm (JMZ 0206) — Field, J.
2301 (14248) Th.....10:00am-12:00pm (JMZ 1103) — Friedman, E.
2401 (14249) Th..... 2:00pm- 4:00pm (JMZ 0103) — STAFF
2501 (14250) Tu..... 2:00pm- 4:00pm (JMZ 0103) — Hoban, M.
2601 (14251) M..... 2:00pm- 4:00pm (JMZ 1104) — STAFF
2701 (14252) Th..... 3:00pm- 5:00pm (JMZ 0120) — Bodison, S.
2801 (14253) Tu.....10:00am-12:00pm (EGR 3111) — STAFF
Recommended for Asian-American students.
2901 (14254) W..... 2:00pm- 4:00pm (JMZ 1120) — Okada, E.
Recommended for Asian-American students.
3001 (14255) M..... 2:00pm- 4:00pm (JMZ 0122) — Morrison, D.
Recommended for students in the Division of Letters and Sciences.
3101 (14256) Tu..... 2:00pm- 4:00pm (JMZ 0125) — STAFF
Recommended for students in the Division of Letters and Sciences.
3201 (14257) W..... 2:00pm- 4:00pm (ARM 0101) — STAFF
Recommended for students in the Division of Letters and Sciences.
3301 (14258) Th..... 2:00pm- 4:00pm (JMZ 0204) — STAFF
Recommended for students in the Division of Letters and Sciences.
3401 (14259) Tu..... 3:00pm- 5:00pm (JMZ 2123) — STAFF
Recommended for transfer students only.
3501 (14260) Th..... 2:00pm- 4:00pm (JMZ 1224) — Greene, E.
Recommended for transfer students only.
3601 (14261) Time and room to be arranged — Saddler-Assem,
Reserved for students in Engineering Bridge Program.
3701 (14262) Time and room to be arranged — Mattingly, J.
Recommended for students in the College of Business and Management.
3801 (14263) Th.....10:00am-12:00pm (EDU 0114) — Hillman Byron,
Recommended for transfer students in the College of Behavioral and Social Sciences.
3901 (14264) W.....10:00am-12:00pm (EDU 0206) — Marcks, L.
Recommended for students in the College of Behavioral and Social Sciences.
4001 (14265) Th.....10:00am-12:00pm (DEN 0127) — STAFF
4101 (14266) Tu..... 2:00pm- 4:00pm (JMZ 1117) — STAFF
4201 (14267) W..... 2:00pm- 4:00pm (LPA 1125) — STAFF

EDCP108R College and Career Advancement: Concepts and Skills: Returning Students; Grade Method: REG/P-F/AUD. — 1 credit
0101 (14277) W..... 1:00pm- 3:00pm (EDU 1203) — Greenfeig, B.
0201 (14278) Th.....12:30pm- 2:30pm (HBK 1112) — Goldberg, B.

EDCP108T College and Career Advancement: Concepts and Skills: Time Management; Grade Method: REG/P-F/AUD. — 1 credit
0101 (14288) M.....11:00am- 1:00pm (WDS 1130) — Greenfeig, B.

EDCP310 Peer Counseling Theory and Skills; Grade Method: REG. — 3 credits
0101 (14298) TuTh..... 9:30am-11:00am (EDU 3256) — STAFF
0301 (14299) W..... 4:15pm- 7:00pm (JMZ 0118) — Hess, S.

EDCP310A (PermReq) Peer Counseling Theory and Skills; Grade Method: REG. Minority peer counseling. Recommended for students interested in helping minority students at UMCP. — 3 credits
0101 (14309) W..... 2:00pm- 4:45pm (HBK 1116) — Cothran, M.

EDCP388 (PermReq) **Experiential Learning; Grade Method: REG.** *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits
0101 (14319) Time and room to be arranged — Komives, S.

EDCP417 (PermReq) **Group Dynamics and Leadership; Grade Method: REG/P-F/AUD.** *Prerequisite: permission of department.* — 3 credits
0101 (14329) TuTh.....11:00am-12:15pm (EDU 3236) — STAFF
0201 (14330) TuTh..... 2:00pm- 3:15pm (EDU 3236) — STAFF
0401 (14331) TuTh.....11:00am-12:15pm (EDU 1315) — STAFF

EDCP420 **Education and Racism; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course.** — 3 credits
0101 (14341) M..... 4:15pm- 7:00pm (COL 3109) — Sedlacek, W.

EDCP482 **The Disabled Person in American Society; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course.** — 3 credits
0101 (14351) TuTh..... 2:00pm- 3:15pm (EDU 3315) — Power, P.

EDCP489 (PermReq) **Field Experiences in Counseling and Personnel Services; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number.** — 1-4 credits

EDCP488 **Special Problems in Counseling and Personnel Services; Grade Method: REG.** — 1-3 credits
3801 (14400) Time and room to be arranged — McIntire, R.

EDCP489L (PermReq) **Workshops, Clinics, Institutes: Preparation to Lead Relationship Skills Workshops; Grade Method: REG/P-F/AUD.** — 3 credits
0201 (14410) Time and room to be arranged — Mielke, P.

EDCP610C **Professional Orientation; Grade Method: REG/AUD. Limited to community counseling students.** — 3 credits
0101 (14420) W..... 4:15pm- 7:00pm (EDU 3236) — Power, P.

EDCP610R **Professional Orientation; Grade Method: REG/AUD. Limited to rehabilitation counseling students.** — 3 credits
0101 (14430) W..... 4:15pm- 7:00pm (EDU 1205) — Hershenson, D.

EDCP610S **Professional Orientation; Grade Method: REG/AUD. Limited to school counseling students.** — 3 credits
0101 (14440) W..... 4:15pm- 7:00pm (TWS 0135) — Greenberg, K.

EDCP610U **Professional Orientation; Grade Method: REG. Limited to college student personnel students.** — 3 credits
0101 (14450) W..... 3:15pm- 6:00pm (EDU 0202) — Komives, S.

EDCP612 **Cross-Cultural Issues in Counseling and Personnel Services; Grade Method: REG/AUD.** *Prerequisites: EDMS 646, and EDCP 616, or permission of department* **Limited to CAPS doctoral students.** — 3 credits
0101 (14460) Th..... 1:00pm- 4:00pm (ASY 3221) — Boyd, V.

EDCP614 **Personality Theories in Counseling and Personnel Services; Grade Method: REG/AUD.** — 3 credits
0101 (14470) Th..... 4:15pm- 7:00pm (EDU 2203) — Greenberg, K.

EDCP616 (PermReq) **Counseling II: Theory and Practice; Grade Method: REG/AUD.** *Prerequisite EDCP 615 Corequisite EDCP 618* — 3 credits
0101 (14480) Tu..... 4:15pm- 7:00pm (EDU 0114) — STAFF
0201 (14481) Tu..... 4:15pm- 7:00pm (EDU 4233) — STAFF

EDCP617 (PermReq) **Group Counseling; Grade Method: REG/AUD.** *Prerequisite: EDCP 616.* — 3 credits
0101 (14491) Tu..... 4:15pm- 7:00pm (ASY 3219) — STAFF

EDCP618 **Counseling Skills: Introduction to Practicum; Grade Method: REG. Corequisite: EDCP 616.** — 1 credit
0101 (14501) M..... 7:00pm- 9:00pm (EDU 0202) — STAFF
0201 (14502) M..... 7:00pm- 9:00pm (EDU 0212) — STAFF

EDCP619C (PermReq) **Practicum in Counseling; Grade Method: REG/AUD. Limited to community counseling majors.** — 3 credits
0201 (14512) W.....12:30pm- 3:00pm (EDU 0210) — Birk, J.
0301 (14513) Th..... 1:00pm- 4:00pm (EDU 0210) — Kreiser, J.

EDCP619R **Practicum in Counseling; Grade Method: REG/AUD. Rehabilitation students only.** — 2-6 credits
0101 (14523) Tu..... 7:00pm- 9:40pm (EDU 0210) — Lawrence, R.
0201 (14524) Tu..... 4:15pm- 7:00pm (JMZ 1215) — STAFF

EDCP619U **Practicum in Counseling; Grade Method: REG. Limited to CSPA majors.** — 2-6 credits
0101 (14534) Tu..... 1:00pm- 4:00pm (EDU 0114) — STAFF
0201 (14535) Th.....10:00am- 1:00pm (Arranged) — Lucas, M.

EDCP634 **Diagnostic Appraisal of Children II; Grade Method: REG.** *Prerequisite EDCP 633 Corequisite EDCP 738.* — 3 credits
0101 (14545) Th..... 9:30am-12:15pm (EDU 1203) — Teglasi-Golubco

EDCP635 **Therapeutic Techniques and Classroom Management I; Grade Method: REG/AUD.** — 3 credits
0101 (14555) W..... 1:30pm- 4:15pm (EDU 2203) — Rosenfield, S.

EDCP636 **Counseling and Personnel Services Seminar; Grade Method: REG. Limited to first year CSPA students only.** — 2 credits
0101 (14565) Tu..... 2:00pm- 4:45pm (EDU 0210) — Komives, S.

EDCP682 **Medical Aspects of Disability; Grade Method: REG/AUD.** *Prerequisite EDCP 610 or equivalent* — 3 credits
0101 (14575) Th..... 4:15pm- 7:00pm (EDU 2102) — Lawrence, R.

EDCP726 **Practicum in Individual Testing I; Grade Method: REG.** *Prerequisite EDMS 622.* — 3 credits
0101 (14585) M..... 1:00pm- 3:45pm (EDU 2203) — Strein, W.

EDCP738 **Practicum in Child Assessment; Grade Method: REG/AUD.** — 2-3 credits
0101 (14595) Tu..... 9:30am-12:15pm (EDU 1203) — Teglasi-Golubco

EDCP740 **Issues and Methods in Counselor Education; Grade Method: REG/AUD.** *Doctoral standing* — 3 credits
0101 (14605) Tu..... 1:00pm- 4:00pm (EDU 2203) — Hershenson, D.

EDCP775 **Facilitating Student Learning in Higher Education; Grade Method: REG/AUD.** *Prerequisite: EDCP 771 or permission of department. Doctoral standing.* — 3 credits
0101 (14615) M..... 4:15pm- 7:00pm (EDU 0206) — STAFF

EDCP777 (PermReq) **Modification of Human Behavior: Laboratory and Practicum; Grade Method: REG/AUD.** *Prerequisites: EDCP 776 and permission of department.* — 3 credits
0101 (14625) Th..... 1:00pm- 4:00pm (EDU 2203) — Fassinger, R.

EDCP778 **Research Proposal Seminar; Grade Method: REG. Limited to EDCP majors.** — 3 credits
0201 (14635) Tu..... 9:00am-12:00pm (EDU 2203) — Hoffman, M.

EDCP789I **Advanced Topics in Counseling and Personnel Services: Professional Issues in Counseling Psychology; Grade Method: REG. Limited to counseling PSYC majors.** — 1 credit
0101 (14645) W..... 8:30am-10:00am (EDU 3233) — Birk, J.
Time and room to be arranged Dis

EDCP789L **Advanced Topics in Counseling and Personnel Services: Doctoral Seminar in Professional Issues; Grade Method: REG.** — 1 credit
0101 (14655) M..... 2:00pm- 4:00pm (EDU 1203) — STAFF

EDCP789R **Advanced Topics in Counseling and Personnel Services: Pre-Practicum in School Counseling; Grade Method: REG/AUD.** — 3 credits
0101 (14665) W..... 4:15pm- 7:00pm (EDU 0206) — STAFF

EDCP789U (PermReq) **Advanced Topics in Counseling and Personnel Services: Capstone Seminar; Grade Method: REG/AUD. Limited to advanced CSP doctoral students.** — 3 credits
0101 (14675) M..... 4:15pm- 7:00pm (COL 3111) — Thomas, M.

EDCP798 (PermReq) **Special Problems in Counseling and Personnel Services; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number.** — 1-6 credits

EDCP799 **Master's Thesis Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number.** — 1-6 credits

EDCP888 (PermReq) **Apprenticeship in Counseling and Personnel Services; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number.** — 1-8 credits

EDCP888R (PermReq) **Apprenticeship in Counseling and Personnel Services: Rehabilitation; Grade Method: REG. For second year rehabilitation counseling students only. Class will meet on 9/15; 10/15; 11/3; 12/1; and 12/15.** — 3 credits
0101 (14809) Th..... 7:00pm- 9:00pm (Arranged) — Scales, W.
Time and room to be arranged Dis

EDCP888S **Apprenticeship in Counseling and Personnel Services: School Psychology; Grade Method: REG/AUD. For school psychology students only.** — 1-8 credits
0101 (14819) Time and room to be arranged — Strein, W.

EDCP888U **Apprenticeship in Counseling and Personnel Services: College Student Personnel Administration Apprenticeship; Grade Method: REG/AUD.** — 3 credits
0101 (14829) M..... 3:30pm- 6:00pm (EDU 0210) — STAFF

EDCP889 (PermReq) **Internship in Counseling and Personnel Services; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number.** — 3-8 credits

EDCP999 **Doctoral Dissertation Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number.** — 1-8 credits

EDHD Education, Human Development — (Education)

EDHD230 **Human Development and Societal Institutions; Grade Method: REG/AUD. CORE Distributive Studies Behavioral and Social Science Course. CORE Cultural Diversity Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** *Credit will be granted for only one of the following EDHD 230 or EDHD 330. Formerly EDHD 330* — 3 credits
0101 (14971) TuTh.....11:00am-12:15pm (EDU 3315) — Torney-Purta, J

EDHD300E (PermReq) **Human Development and Learning; Grade Method: REG/P-F/AUD.** *Prerequisite admission to teacher education program* — 6 credits
0201 (14981) MW.....12:00pm- 2:00pm (EDU 3236) — STAFF
F..... 8:00am- 1:00pm (Arranged) Lab
0301 (14982) TuTh.....10:00am-12:00pm (EDU 3233) — STAFF
W..... 8:00am- 1:00pm (Arranged) Lab

EDHD300S (PermReq) **Human Development and Learning; Grade Method: REG/AUD.** *Prerequisite admission to teacher education program* **Secondary emphasis. Open only to students with junior standing who are following a complete teacher education program. First class meeting determined by campus section, not off-campus lab day.** — 6 credits
0801 (14992) TuTh.....12:30pm- 2:30pm (EDU 3233) — Wigfield, A.
Tu..... 8:00am-12:00pm (Arranged) Lab
0901 (14993) MW.....10:00am-12:00pm (EDU 3236) — STAFF
Tu..... 8:00am- 1:00pm (Arranged) Lab

EDHD808 **Study of Human Behavior; Grade Method: REG/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** — 3 credits
0101 (15003) TuTh..... 2:00pm- 3:15pm (ASY 3219) — STAFF
0201 (15004) TuTh..... 9:30am-10:45am (EDU 1121) — STAFF
0401 (15005) MWF.....10:00am-10:50am (EDU 2119) — STAFF

EDHD320 **Human Development through the Lifespan; Grade Method: REG/AUD.** — 3 credits
0101 (15015) TuTh.....11:00am-12:15pm (EDU 1121) — STAFF
0201 (15016) TuTh.....12:30pm- 1:45pm (EDU 0212) — STAFF
0401 (15017) MWF.....10:00am-10:50am (EDU 3315) — STAFF

EDHD340 **Human Development Aspects of the Helping Relationship; Grade Method: REG/P-F/AUD.** — 3 credits
0101 (15027) TuTh..... 9:30am-10:45am (EDU 2102) — STAFF

EDHD396 (PermReq) **Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor 56 semester hours* — 3-6 credits

EDHD400 **Introduction to Gerontology; Grade Method: REG/AUD.** — 3 credits
0101 (15058) M..... 1:00pm- 3:45pm (EDU 4233) — STAFF

EDHD411 **Child Growth and Development; Grade Method: REG/AUD.** — 3 credits
0101 (15068) W..... 4:15pm- 7:00pm (ASY 3215) — STAFF

EDHD413 **Adolescent Development; Grade Method: REG/AUD. USP Advanced Studies Analysis of Human Problems Course.** — 3 credits
0101 (15078) Tu..... 4:15pm- 7:00pm (EDU 3315) — STAFF
0201 (15079) TuTh.....12:30pm- 1:45pm (EDU 2119) — STAFF

EDHD419A (PermReq) **Human Development and Learning in School Settings: Infancy and Preschool; Grade Method: REG/AUD. Open to pre-early childhood and early childhood education majors only.** — 3 credits
0101 (15089) Tu.....10:00am-12:00pm (EDU 1107) — Eliot, J.
MW..... 9:00am-12:00pm (Arranged) Lab

EDHD420 **Cognitive Development and Learning; Grade Method: REG/AUD.** *Prerequisite EDHD 300 or EDHD 320 or EDHD 411 or PSYC 366 or PSYC 341 or permission of department.* — 3 credits
0101 (15099) W..... 4:15pm- 7:00pm (ASY 1213) — Byrnes, J.

EDHD445 **Guidance of Young Children; Grade Method: REG/AUD. USP Advanced Studies Analysis of Human Problems Course.** *Prerequisite: PSYC 100 or EDHD 306 or permission of department.* — 3 credits
0101 (15109) M..... 4:15pm- 7:00pm (EDU 4233) — STAFF
0201 (15110) TuTh..... 2:00pm- 3:15pm (EDU 0212) — Marcus, R.
0401 (15111) TuTh.....11:00am-12:15pm (EDU 2119) — Marcus, R.

EDHD460 **Educational Psychology; Grade Method: REG/AUD.** *Prerequisite PSYC 100 or EDHD 306 or permission of department.* — 3 credits
0101 (15121) TuTh..... 2:00pm- 3:15pm (EDU 4233) — STAFF
0201 (15122) Th..... 7:00pm- 9:45pm (EDU 3236) — STAFF

EDHD489 (PermReq) **Field Experiences in Education; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number.** — 1-4 credits

EDHD498 (PermReq) **Special Problems in Education; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number.** — 1-3 credits

EDHD600 **Introduction to Human Development and Child Study; Grade Method: REG/AUD.** — 3 credits
0101 (15174) Tu..... 7:00pm- 9:45pm (EDU 3315) — Robertson-Tchab

EDHD601 **Biological Bases of Behavior; Grade Method: REG/AUD.** *Pre- or corequisite: EDHD 600.* — 3 credits
0101 (15184) Th..... 4:15pm- 7:00pm (EDU 3236) — STAFF

EDHD602 **Social Bases of Behavior; Grade Method: REG/AUD.** — 3 credits
0101 (15194) W..... 4:15pm- 7:00pm (COL 3112) — Marcus, R.

EDHD620 **Aging in the Cultural Context; Grade Method: REG/AUD.** — 3 credits
0101 (15204) Th..... 4:15pm- 7:00pm (EDU 4233) — STAFF

EDHD692 (PermReq) **Cognitive Basis of Instruction; Grade Method: REG/AUD.** *Prerequisite: permission of department.* — 3 credits
0101 (15214) W..... 7:00pm- 9:45pm (EDU 3236) — Guthrie, J.

EDHD700 **Infant Development; Grade Method: REG/AUD.** — 3 credits
0101 (15224) M..... 9:30am-12:45pm (EDU 3233) — Fox, N.

EDHD710 **Affectional Relationships and Processes in Human Development; Grade Method: REG/AUD.** *Pre- or corequisite EDHD 600 or equivalent* — 3 credits
0101 (15234) W..... 4:15pm- 7:00pm (EDU 4233) — Flatter, C.

EDHD721 **Learning Theory and the Educative Process I; Grade Method: REG/AUD.** — 3 credits
0101 (15244) Th..... 7:00pm- 9:45pm (EDU 3315) — Byrnes, J.
0201 (15245) W..... 4:15pm- 7:00pm (EDU 0212) — STAFF

EDHD722 **Learning Theory and the Educative Process II; Grade Method: REG/AUD.** *Prerequisite: EDHD 721 or permission of department.* — 3 credits
0101 (15255) M..... 7:00pm- 9:45pm (EDU 3315) — Eliot, J.

EDHD779E (PermReq) **Special Topics in Human Development: Developmental Lab; Grade Method: REG/AUD.** — 3 credits
0101 (15265) Time and room to be arranged — Fox, N.

EDHD779L (PermReq) **Special Topics in Human Development: Laboratory in Developmental Psychophysiology; Grade Method: REG/AUD.** — 1-3 credits
0101 (15275) M..... 4:15pm- 7:00pm (TWS 2250) — Porges, S.
0201 (15276) Time and room to be arranged — Fox, N.

EDHD780 **Research Methods in Human Development; Grade Method: REG/AUD.** *Prerequisite: EDMS 651 or permission of department.* — 3 credits
0101 (15286) M..... 7:00pm- 9:45pm (EDU 3233) — Huebner, R.

EDHD789 **Internship in Human Development; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number.** — 3-8 credits

EDHD798 (PermReq) **Special Problems in Education; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number. Limited to human development majors.** — 1-6 credits

EDHD799 **Master's Thesis Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. Limited to human development majors.** — 1-6 credits

EDHD810 **Physical Processes in Human Development I; Grade Method: REG/AUD.** *Prerequisite: EDHD 601 or permission of department.* — 3 credits
0101 (15343) Tu..... 4:15pm- 7:00pm (EDU 3236) — Porges, S.

EDHD820 **Socialization Processes in Human Development I; Grade Method: REG/AUD.** *Prerequisite EDHD 602 or permission of department* — 3 credits
0101 (15353) M..... 4:15pm- 7:00pm (EDU 2102) — Wentzel, K.

EDHD830 **Self Processes in Human Development I; Grade Method: REG/AUD.** *Prerequisite: EDHD 603 or permission of department* — 3 credits
0101 (15363) M..... 4:15pm- 7:00pm (EDU 3236) — Wigfield, A.

EDHD878 **Team Research in Human Development; Grade Method: REG/AUD.** — 3 credits
0101 (15373) M..... 4:15pm- 7:00pm (ASY 3217) — Seefeldt, C.
0201 (15374) Th..... 4:15pm- 7:00pm (TWS 0131) — Wentzel, K.
0301 (15375) Tu..... 4:15pm- 7:00pm (TWS 0147) — Flatter, C.

EDHD888 (PermReq) **Apprenticeship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-8 credits

EDHD889 (PermReq) **Internship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 3-8 credits

EDHD899 **Doctoral Dissertation Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. Limited to human development majors.** — 1-8 credits

EDIT Industrial, Technological and Occupational Education — (Education)

EDIT102 **Fundamentals of Woodworking; Grade Method: REG/P-F/AUD. Offered fall only.** — 3 credits
0301 (15495) TuTh..... 9:00am-12:00pm (JMP 1210) — Wolfe, S.
TuTh..... 9:00am-12:00pm (JMP 1210) Lab

EDIT112 **Technical Calculations; Grade Method: REG/P-F/AUD.** — 3 credits
0101 (15505) MWF.....10:00am-10:50am (JMP 3104) — Jones, J.

EDIT121 **Mechanical Drawing II; Grade Method: REG/AUD.** *Prerequisite EDIT 101.* **Offered fall only.** — 2 credits
0101 (15515) TuTh..... 9:00am-11:00am (JMP 2229) — Pozonsky, C.
Tu..... 9:00am-11:00am (JMP 2229) Lab

EDIT127 **Fundamentals of Electricity Electronics; Grade Method: REG/P-F/AUD. Offered fall only.** — 3 credits
0201 (15525) TuTh..... 1:00pm- 4:00pm (JMP 2201) — Wolfe, S.

EDIT160 **Design Illustrating I; Grade Method: REG/P-F/AUD. Offered fall only.** — 3 credits
0501 (15535) TuTh.....11:00am- 2:00pm (JMP 2229) — White, P.
TuTh.....11:00am- 2:00pm (JMP 2229) Lab

EDIT202 **Machine Woodworking; Grade Method: REG/P-F/AUD.** *Prerequisite EDIT 102 or equivalent.* — 3 credits
0101 (15545) Time and room to be arranged — Wolfe, S.
Time and room to be arranged Lab

EDIT210 **Foundry; Grade Method: REG/P-F/AUD. Students must also register for same section of EDIT 223.** — 1 credit
0201 (15555) MW.....10:00am-12:00pm (JMP 1109) — Pozonsky, C.
MW.....10:00am-12:00pm (JMP 1106) Lab

EDIT223 **Arc and Gas Welding; Grade Method: REG/P-F/AUD. Student must also register for same section of EDIT 210.** — 1 credit
0201 (15565) Time and room to be arranged — Pozonsky, C.

EDIT224 (PermReq) **Organized and Supervised Work Experiences I; Grade Method: REG/P-F/AUD.** *For industrial technology majors only.* — 3 credits
0101 (15575) Time and room to be arranged — Mc Alister, B.

EDIT241 **Architectural Drawing; Grade Method: REG/P-F/AUD.** *Prerequisite EDIT 101 or equivalent.* **Offered fall only.** — 2 credits
0201 (15585) MW..... 2:00pm- 4:00pm (JMP 2229) — Pozonsky, C.
MW..... 2:00pm- 4:00pm (JMP 2229) Lab

EDIT262 **Basic Metal Machining; Grade Method: REG/P-F/AUD.** *Prerequisite: EDIT 101 or equivalent.* **Offered fall only.** — 3 credits
0101 (15595) TuTh..... 1:00pm- 4:00pm (JMP 1109) — Pozonsky, C.
TuTh..... 1:00pm- 4:00pm (JMP 1120) Lab

EDIT270 **Field Experiences; Grade Method: REG. Reserve one morning per week for visitations. Offered fall only.** — 3 credits
0101 (15605) Time and room to be arranged — Marschall, S.
Th..... 2:00pm- 2:50pm (JMP 3104)

EDIT298 (PermReq) **Special Problems in Education; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number.** — 1-6 credits

EDIT311 (PermReq) — **Laboratory Practicum in Industrial Arts Education; Grade Method: REG/P-F/AUD.** *Prerequisite: permission of department. 18 semester hours of laboratory work and drawing required.* Offered fall only. — 3 credits

0101 (15627) MWF..... 8:00am-10:00am (JMP 1201) Maley, D.
MWF..... 8:00am-10:00am (JMP 2215) Lab

EDIT324 (PermReq) — **Organized and Supervised Work Experiences II; Grade Method: REG/P-F/AUD.** *For industrial technology students only* — 3 credits

0101 (15637) Time and room to be arranged Mc Alister, B.

EDIT341 — **Curriculum, Instruction, and Observation: Business Education; Grade Method: REG.** Offered fall only. — 3 credits

0101 (15647) Meets 09/07/93-10/22/93 Marschall, S.
MWF..... 2:00pm- 4:00pm (JMP 3105)

EDIT360 — **Industrial Production Technology; Grade Method: REG/P-F/AUD.** *Prerequisite: EDIT 262 or permission of department.* Offered fall only. — 3 credits

0101 (15657) TuTh..... 9:30am-10:45am (JMP 3104) Mietus, W.
TuTh..... 9:30am-10:45am (JMP 3104) Lab

EDIT391 — **Plastics Processing Fundamentals; Grade Method: REG/P-F/AUD.** *Prerequisite: EDIT 291 or permission of department.* Offered fall only. — 3 credits

0101 (15667) MW..... 1:00pm- 4:00pm (JMP 1202) Wolfe, S.
MW..... 1:00pm- 4:00pm (JMP 1216) Lab

EDIT399 (PermReq) — **Trade Competence; Grade Method: REG/P-F/AUD.** — 1-20 credits

0101 (15677) Time and room to be arranged Stough, K.

EDIT406 — **Word Processing; Grade Method: REG.** — 3 credits

0101 (15687) MW.....12:00pm- 1:15pm (JMP 2115) Spear, M.
0201 (15688) M..... 4:15pm- 7:00pm (JMP 2115) Spear, M.

EDIT414 — **Organization and Coordination of Cooperative Education Programs; Grade Method: REG/P-F/AUD.** Offered fall only. — 3 credits

0101 (15698) M..... 7:00pm- 9:45pm (JMP 2202) Herschbach, D.

EDIT415 — **Financial and Economic Education I; Grade Method: REG/P-F/AUD.** First eight weeks only. Offered fall only. — 3 credits

0101 (15708) Meets 09/07/93-10/22/93 Hewitt, M.
MW..... 4:00pm- 7:00pm (JMP 3104)
0201 (15709) Meets 09/07/93-10/22/93 Hewitt, M.
MW..... 4:00pm- 7:00pm (JMP 3201)

EDIT422 — **Student Teaching: Industrial Arts Education; Grade Method: S-F.** — 2-12 credits

0101 (15719) Time and room to be arranged Beatty, C.

EDIT425 — **Analysis of Industrial Training Programs I; Grade Method: REG/P-F/AUD.** Junior standing. Offered fall only. — 3 credits

0101 (15729) Th..... 4:15pm- 7:00pm (JMP 1202) Wolfe, S.

EDIT443 — **Industrial Safety I; Grade Method: REG/P-F/AUD.** Junior standing. Offered fall only. — 3 credits

0101 (15739) W..... 7:00pm-10:00pm (JMP 3201) Ashley, R.

EDIT445 — **Systems Safety Analysis; Grade Method: REG/P-F/AUD.** Offered fall only. — 3 credits

0101 (15749) M..... 7:00pm-10:00pm (JMP 3104) Tomasetti, J.

EDIT451 — **Research and Experimentation in Industrial Arts; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (15759) M..... 7:00pm-10:00pm (JMP 1201) Maley, D.

EDIT454 — **Private Fire Protection Analysis I; Grade Method: REG/P-F/AUD.** Offered fall only. — 3 credits

0101 (15769) M..... 7:00pm-10:00pm (JMP 3201) Schmidt, E.

EDIT457 — **Tests and Measurements; Grade Method: REG/P-F/AUD.** Offered fall only. — 3 credits

0101 (15779) Tu..... 7:00pm-10:00pm (JMP 3201) Stough, K.

EDIT481 — **Principles of Vocational Guidance; Grade Method: REG/P-F/AUD.** Offered fall only. — 3 credits

0101 (15789) W..... 7:00pm-10:00pm (JMP 2202) Gentzler, Y.

EDIT484 — **Laboratory Organization and Management; Grade Method: REG/P-F/AUD.** Offered fall only. — 3 credits

0101 (15799) W..... 4:15pm- 7:00pm (JMP 2202) Beatty, C.

EDIT485 — **Modern Industry; Grade Method: REG/P-F/AUD.** Junior standing. Offered fall only. — 3 credits

0101 (15809) Th..... 7:00pm- 9:45pm (JMP 1202) Payne, J.

EDIT471 — **History and Principles of Vocational Education; Grade Method: REG/P-F/AUD.** Offered fall only. — 3 credits

0101 (15819) W..... 4:15pm- 7:00pm (JMP 3105) Herschbach, D.

EDIT478 — **Application of Technology to Societal Problems; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course.** — 3 credits

0101 (15829) MWF.....10:00am-10:50am (JMP 3201) Mc Alister, B.
0201 (15830) MWF.....11:00am-11:50am (JMP 3201) Mc Alister, B.
0301 (15831) MWF.....12:00pm-12:50pm (JMP 3201) Sullivan, D.
0401 (15832) MWF.....11:00am-11:50am (JMP 3105) Sullivan, D.

EDIT482 — **Student Teaching: Trade and Industrial Education; Grade Method: S-F.** — 2-12 credits

0101 (15842) Time and room to be arranged Stough, K.

EDIT485 — **Field Experiences in Business Education; Grade Method: REG.** — 3 credits

0101 (15852) Time and room to be arranged Marschall, S.

EDIT486 — **Field Experiences in Marketing and Distributive Education; Grade Method: REG.** — 3 credits

0101 (15862) Time and room to be arranged Stough, K.

EDIT482 — **Issues Encountered in Daily Living in the Home; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course.** *Junior standing.* — 3 credits

0101 (15872) TuTh..... 1:00pm- 2:30pm (JMP 3105) Browne, L.
0201 (15873) TuTh..... 1:00pm- 2:30pm (JMP 2202) Gentzler, Y.

EDIT498 (PermReq) — **Special Problems in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

EDIT499D — **Workshops, Clinics, and Institutes: Workshop in Vocational Education; Grade Method: REG/P-F/AUD.** — 1-3 credits

0101 (15898) Tu..... 6:00pm- 7:00pm (JMP 3201) Stough, K.
Time and room to be arranged Lab

EDIT499R — **Workshops, Clinics, and Institutes: Trade Advancement Workshop; Grade Method: REG. See advisor prior to attending workshop/seminars.** — 1-3 credits

0101 (15908) Time and room to be arranged Beatty, C.

EDIT840 — **Research in Industrial Arts and Vocational Education; Grade Method: REG.** Offered fall only. — 3 credits

0101 (15918) M..... 4:15pm- 7:00pm (JMP 1202) Sullivan, D.

EDIT842 — **Coordination in Work-Experience Programs; Grade Method: REG/AUD.** Offered fall only. — 3 credits

0101 (15928) M..... 7:00pm- 9:45pm (JMP 2202) Herschbach, D.

EDIT780 — **Leadership Seminar in Vocational Education; Grade Method: REG/AUD.** Offered fall only. — 3 credits

0101 (15938) W..... 4:15pm- 7:00pm (JMP 1202) Gentzler, Y.

EDIT788A — **Selected Topics in Education: Lab, Practicum in Industrial Arts Education; Grade Method: REG.** — 3 credits

0101 (15948) MWF..... 8:00am-10:00am (JMP 1201) Maley, D.
MWF..... 8:00am-10:00am (JMP 2215) Lab

EDIT798 (PermReq) — **Special Problems in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

EDIT799 — **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

EDIT888 (PermReq) — **Apprenticeship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-8 credits

EDIT889 (PermReq) — **Internship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 3-8 credits

EDIT899 — **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-8 credits

EDMS Measurement, Statistics, and Evaluation (Education)

EDMS410 — **Principles of Testing and Evaluation; Grade Method: REG/AUD.** *Junior standing.* — 3 credits

0101 (16065) TuTh..... 2:30pm- 3:45pm (EDU 3233) $TAFF
0201 (16066) MW..... 2:30pm- 3:45pm (EDU 3233) $TAFF
0301 (16067) TuTh..... 5:00pm- 6:15pm (ASY 3217) Schafer, W.

EDMS451 — **Introduction to Educational Statistics; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course.** *Junior standing.* Limited to students with cumulative credits of 56. Students in programs requiring a different introductory applied statistics course for the major, eg., BMGT, PSYC, ECON and possibly others, may not use EDMS 451 to satisfy the USP Advanced Studies requirments. — 3 credits

0101 (16077) TuTh..... 2:00pm- 3:15pm (EDU 1107) $TAFF
0301 (16078) TuTh.....12:30pm- 1:45pm (EDU 1107) $TAFF
0401 (16079) MW.....12:30pm- 1:45pm (EDU 0212) $TAFF
0501 (16080) MW..... 2:00pm- 3:15pm (EDU 0212) Tam, H.

EDMS623 — **Applied Measurement: Issues and Practices; Grade Method: REG/AUD.** *Prerequisite EDMS 651 or permission of department.* — 3 credits

0101 (16090) Tu..... 4:15pm- 7:00pm (TWS 0135) DeAyala, R.

EDMS645 — **Quantitative Research Methods I; Grade Method: REG/AUD.** — 3 credits

0101 (16100) TuTh..... 5:00pm- 6:15pm (EDU 3233) Gold, K.
0102 (16101) TuTh..... 7:00pm- 8:15pm (EDU 1121) Schafer, W.
0103 (16102) MW..... 7:00pm- 8:15pm (EDU 1107) Tam, H.
0104 (16103) MW..... 5:00pm- 6:15pm (EDU 3315) Johnson, C.
0105 (16104) TuTh..... 5:00pm- 6:15pm (ASY 3215) $TAFF

EDMS646 — **Quantitative Research Methods II; Grade Method: REG/AUD.** *Prerequisite EDMS 645* — 3 credits

0101 (16114) TuTh..... 5:00pm- 6:15pm (EDU 2119) Johnson, C.
0102 (16115) MW..... 5:00pm- 6:15pm (EDU 2119) DeAyala, R.

EDMS647 — **Introduction to Program Evaluation; Grade Method: REG/AUD.** *Prerequisite: EDMS 646 or equivalent* — 3 credits

0101 (16125) W..... 4:15pm- 7:00pm (ASY 3217) Lissitz, R.

EDMS651 — **Intermediate Statistics in Education; Grade Method: REG/AUD.** *Prerequisite: EDMS 646 or equivalent* Concurrent registration for 1 credit of EDMS 779 required for department majors. — 3 credits

0101 (16135) TuTh..... 5:00pm- 6:15pm (EDU 1107) Dayton, C.

EDMS657 — **Factor Analysis; Grade Method: REG/AUD.** *Prerequisite: EDMS 651* — 3 credits

0101 (16145) M..... 4:15pm- 7:00pm (ASY 3215) Gold, K.

EDMS769 (PermReq) — **Special Topics in Applied Statistics in Education: Analysis of Polytomous Outcome Variables; Grade Method: REG/AUD.** — 3 credits

0101 (16155) W..... 4:15pm- 7:00pm (TWS 2228) Dayton, C.

EDMS779 (PermReq) — **Seminar in Applied Statistics; Grade Method: REG/AUD.** EDMS majors must sign up for one credit concurrently with EDMS 651. — 1-3 credits

0101 (16165) Time and room to be arranged Dis Dayton, C.

EDMS798 — **Special Problems in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

EDMS799 — **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

EDMS889 — **Internship in Measurement and Statistics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 3-8 credits

EDMS899 — **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-8 credits

EDPA Education Policy, Planning and Administration (Education)

EDPA301 — **Foundations of Education; Grade Method: REG/P-F/AUD.** Junior standing. — 3 credits

0101 (16256) MW..... 9:30am-10:45am (EDU 2101) Herschbach, D.
0201 (16257) MW.....11:00am-12:15pm (EDU 2101) Herschbach, D.
0301 (16258) MW.....12:30pm- 1:45pm (EDU 2102) Male, G.
0401 (16259) MW..... 2:00pm- 3:15pm (EDU 2102) Male, G.
0501 (16260) TuTh..... 9:30am-10:45am (EDU 4233) Splaine, J.
0601 (16261) TuTh.....11:00am-12:15pm (EDU 4233) Splaine, J.
0701 (16262) TuTh.....12:30pm- 1:45pm (EDU 4233) Splaine, J.
0801 (16263) TuTh..... 2:00pm- 3:15pm (EDU 2101) Lindsay, R.
0901 (16264) TuTh..... 5:00pm- 6:15pm (EDU 0212) $TAFF

EDPA388 (PermReq) — **Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours* — 3-6 credits

EDPA489 — **Field Experiences in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** Interns in administration register for section 0101; curriculum theory in section 0201; education policy and social foundations of education in section 0301; and higher education in section 0401. — 1-4 credits

EDPA498 (PermReq) — **Special Problems in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

EDPA810 — **History of Western Education; Grade Method: REG/AUD.** — 3 credits

0101 (16320) Tu..... 4:15pm- 7:00pm (ASY 3203) Lindsay, R.

EDPA811 — **History of Education in the United States; Grade Method: REG/AUD.** — 3 credits

0101 (16330) W..... 4:15pm- 7:00pm (EDU 2101) Finkelstein, B.

EDPA820 — **Education Policy Analysis; Grade Method: REG/AUD.** — 3 credits

0101 (16340) Tu..... 7:00pm- 9:45pm (EDU 2101) Huden, D.

EDPA826 — **Education Policy and the Young; Grade Method: REG/AUD.** — 3 credits

0101 (16350) Th..... 7:00pm- 9:45pm (EDU 3233) Finkelstein, B.

EDPA835 — **Principles of Curriculum Development; Grade Method: REG/AUD.** — 3 credits

0101 (16360) Tu..... 4:15pm- 7:00pm (EDU 1203) Hultgren, F.

EDPA836 — **Communication and the School Curriculum; Grade Method: REG/AUD.** — 3 credits

0101 (16370) Th..... 4:15pm- 7:00pm (EDU 0202) Hultgren, F.

EDPA846 — **Leadership for Instructional Improvement; Grade Method: REG/AUD.** *Prerequisite: EDPA 645.* — 3 credits

0101 (16380) Tu..... 4:15pm- 7:00pm (ASY 3221) McLoone, E.

EDPA850 — **Professional Seminar in Higher and Adult Education; Grade Method: S-F.** — 3 credits

0101 (16390) W..... 7:00pm- 9:45pm (EDU 2101) Berdahl, R.

EDPA851 — **Higher Education Law; Grade Method: REG/AUD.** — 3 credits

0101 (16400) Th..... 7:00pm- 9:45pm (EDU 2102) Clague, M.

EDPA853 — **Organization and Administration of Higher Education; Grade Method: REG/AUD.** — 3 credits

0101 (16410) W..... 4:15pm- 7:00pm (EDU 3233) Birnbaum, R.

EDPA856 — **Academic Administration; Grade Method: REG/AUD.** *Recommended: EDPA 650.* — 3 credits

0101 (16420) M..... 7:00pm- 9:45pm (EDU 2101) Chait, R.

EDPA872 — **Research Issues in Educational Administration; Grade Method: REG/AUD.** — 3 credits

0101 (16430) M..... 4:15pm- 7:00pm (ASY 3211) Goldman, H.

EDPA878 — **School Finance and Business Administration; Grade Method: REG/AUD.** — 3 credits

0101 (16440) W..... 4:15pm- 7:00pm (ASY 3219) McLoone, E.

EDPA700 — **Qualitative Research Methods in Education; Grade Method: REG/AUD.** — 3 credits

0101 (16450) M..... 4:15pm- 7:00pm (EDU 2102) Hopkins, R.

EDPA705 — **International Educational Change; Grade Method: REG/AUD.** — 3 credits

0101 (16460) W..... 7:00pm- 9:45pm (EDU 2203) Huden, D.

EDPA706 — **Education in Developing Countries; Grade Method: REG/AUD.** — 3 credits

0101 (16470) M..... 7:00pm- 9:45pm (EDU 2102) Hopkins, R.

EDPA740 — **Managing Educational Organizations in a Diverse Society; Grade Method: REG/AUD.** — 3 credits

0101 (16480) M..... 7:00pm- 9:45pm (EDU 2203) Heid, C.

EDPA741 — **Policy Studies in Educational Administration; Grade Method: REG/AUD.** — 3 credits

0101 (16490) Th..... 4:15pm- 7:00pm (ASY 3219) Stephens, E.

EDPA743 — **Leadership Theory; Grade Method: REG/AUD.** *Prerequisites: EDPA 642* — 3 credits

0101 (16500) W..... 7:00pm- 9:45pm (EDU 3233) Goldman, H.

EDPA744 — **Interpersonal Dimensions of Change: Human Factors in Organizational Improvement; Grade Method: REG/AUD.** *Prerequisites: EDPA 670; or permission of department.* — 3 credits

0101 (16510) Tu..... 7:00pm- 9:45pm (EDU 2102) McKay, A.

EDPA747 — **Advanced Seminar on Instructional Improvement; Grade Method: REG/AUD.** *Prerequisites: EDPA 847, or permission of department.* — 3 credits

0101 (16520) Th..... 7:00pm- 9:45pm (EDU 2203) $TAFF

EDPA752 — **State Systems of Higher Education; Grade Method: REG/AUD.** — 3 credits

0101 (16530) Th..... 4:15pm- 7:00pm (EDU 0210) Berdahl, R.

EDPA757 — **College Teaching; Grade Method: REG/AUD.** — 3 credits

0101 (16540) M..... 4:15pm- 7:00pm (EDU 3233) Selden, S.

EDPA798L — **Special Topics in Education Policy and Administration: Adult and Higher Education; Grade Method: REG/AUD.** — 3 credits

0101 (16550) Tu..... 4:15pm- 7:00pm (EDU 0206) $TAFF

EDPA798 (PermReq) — **Special Problems in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

EDPA799 — **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

EDPA837 — **Curriculum Theory and Research; Grade Method: REG/AUD.** *Prerequisite: EDPA 835* — 3 credits

0101 (16612) W..... 4:15pm- 7:00pm (ASY 3207) Selden, S.

EDPA889 (PermReq) — **Internship in Education; Grade Method: REG/AUD.** Interns in administration register in section 0101; curriculum theory in section 0201; education policy and social foundations of education in section 0301; and higher education in section 0401. — 3-8 credits

0101 (16622) Time and room to be arranged Dubel, R.
0201 (16623) Time and room to be arranged Selden, S.
0301 (16624) Time and room to be arranged Hopkins, R.
0401 (16625) Time and room to be arranged Berdahl, R.

EDPA895 — **Research Critique Seminar; Grade Method: REG/AUD.** — 3 credits

0101 (16635) Th..... 4:15pm- 7:00pm (TWS 2228) Huden, D.
0201 (16636) M..... 4:15pm- 7:00pm (TWS 2212) Birnbaum, R.

EDPA899 — **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-8 credits

EDSP Education, Special (Education)

EDSP210 — **Introduction to Special Education; Grade Method: REG/AUD.** — 3 credits

0101 (16721) TuTh..... 2:00pm- 3:30pm (EDU 2119) Moon, M.

EDSP268C — **Special Topics in Teacher Education: Career Development in Special Education; Grade Method: REG/P-F/AUD.** — 1 credit

0101 (16731) F.....10:00am-11:00am (EDU 2203) Florian, L.

EDSP320 (PermReq) — **Introduction to Assessment in Special Education; Grade Method: REG/AUD.** *Prerequisite. EDSP 210 Pre- or corequisite: EDSP 321, and EDSP 322. Recommended: STAT 100 or SOCY 201. For EDSP majors only.* — 3 credits

0101 (16741) MW..... 1:15pm- 2:45pm (EDU 2119) Speece, D.
0201 (16742) MW..... 1:15pm- 2:45pm (COL 3112) $TAFF

EDSP321 (PermReq) — **Comparative Approaches to Behavior and Classroom Management in Special Education; Grade Method: REG/AUD.** *Prerequisite: EDSP 210. Pre- or corequisites: EDSP 320; and EDSP 322. For EDSP majors only.* — 3 credits

0101 (16752) MW..... 2:45pm- 4:15pm (EDU 2119) Egel, A.
0201 (16753) MW..... 2:45pm- 4:15pm (ASY 3211) Leone, P.

EDSP322 — **Field Placement in Special Education I; Grade Method: REG/AUD.** *Pre- or corequisites: EDSP 320; and EDSP 321. For EDSP majors only.* Students must reserve two half days (8-1) for this experience. — 3 credits

0101 (16763) F.....10:00am-12:00pm (EDU 1121) Strong, B.
MW..... 8:00am- 1:00pm (Arranged) Lab
0201 (16764) F.....10:00am-12:00pm (EDU 1121) Strong, B.
TuTh..... 8:00am- 1:00pm (Arranged) Lab
0301 (16765) F.....10:00am-12:00pm (EDU 1121) Strong, B.
MW..... 8:00am- 1:00pm (Arranged) Lab
0401 (16766) F.....10:00am-12:00pm (EDU 1121) Strong, B.
TuTh..... 8:00am- 1:00pm (Arranged) Lab

EDSP378 — **Fundamentals of Sign Language; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (16776) MW..... 4:15pm- 5:30pm (EDU 1107) Aiello, E.
0201 (16777) MW..... 5:45pm- 7:00pm (EDU 1107) Aiello, E.

EDSP400 **Assessment, Curriculum and Instructional Methods For Students with Severe Handicaps; Grade Method: REG/AUD.** *Corequisites: EDSP 402 or EDSP 431 or permission of department.* Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 402 or EDSP 431. — 3 credits
0101 (16787) W..... 4:15pm- 7:00pm (EDU 1315) Kohl, F.

EDSP402 **Field Placement: Severely Handicapped I; Grade Method: REG/AUD.** *Pre- or corequisites: EDSP 400, and EDSP 404 or permission of department.* Students must reserve three half-days (8-1) for this experience. — 4 credits
0101 (16797) F.....10:30am-12:00pm (EDU 1315) Kohl, F.
MTuW..... 8:00am- 1:00pm (Arranged) Lab

EDSP402A **Field Placement: Severely Handicapped I; Grade Method: REG/AUD.** *Pre- or corequisites: EDSP 400, and EDSP 404 or permission of department.* Graduate students only. Contact department to make arrangements. — 2-5 credits
0101 (16807) Time and room to be arranged Lab STAFF
0201 (16808) Time and room to be arranged Lab STAFF
0301 (16809) Time and room to be arranged Lab STAFF
0401 (16810) Time and room to be arranged Lab STAFF

EDSP404 **Education of Students with Autism; Grade Method: REG/AUD.** *Pre- or corequisites: EDSP 400 and EDSP 402 or permission of department.* Practicum required. Placement arranged for students not concurrently enrolled in EDSP 402. — 3 credits
0101 (16820) M..... 4:15pm- 7:00pm (EDU 1203) Egel, A.

EDSP411 **Field Placement: Severely Handicapped III; Grade Method: REG/AUD.** *Prerequisite: EDSP 405 Pre- or corequisites: EDSP 412, and (EDSP 420 or EDSP 460) or permission of department.* Students must reserve three half-days (8-1) for this experience. — 4 credits
0101 (16830) F..... 9:00am-10:30am (EDU 1315) Kohl, F.
TuWTh..... 8:00am- 1:00pm (Arranged) Lab

EDSP411A **Field Placement: Severely Handicapped III; Grade Method: REG/AUD.** *Prerequisite: EDSP 405. Pre- or corequisites: EDSP 412, and (EDSP 420 or EDSP 460) or permission of department.* Graduate students only. Contact department to make arrangements. — 2-5 credits
0101 (16840) Time and room to be arranged Lab STAFF
0201 (16841) Time and room to be arranged Lab STAFF
0301 (16842) Time and room to be arranged Lab STAFF
0401 (16843) Time and room to be arranged Lab STAFF

EDSP412 **Vocational and Transitional Instruction for Students with Severe Handicaps; Grade Method: REG/AUD.** *Corequisites: EDSP 411 or EDSP 466 or permission of department.* Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 411 or EDSP 465. — 3 credits
0101 (16855) Tu..... 4:15pm- 7:00pm (COL 3112) Moon, M.

EDSP420 **Developmental and Behavioral Characteristics of Nonhandicapped and Handicapped Infants and Young Children; Grade Method: REG/AUD.** *Corequisites: EDSP 421 or EDSP 411 or permission of department.* Practicum required. Placement arranged for students not concurrently enrolled in EDSP 421 or EDSP 411. — 3 credits
0101 (16863) Th..... 4:15pm- 7:00pm (EDU 1315) Beckman, P.

EDSP421 **Field Placement: Early Childhood Special Education I; Grade Method: REG/AUD.** *Pre- or corequisite: EDSP 420, and EDCI 410.* Students must reserve two half-days (8-1) for this experience. — 3 credits
0101 (16873) F.....10:30am-12:00pm (EDU 1203) Beckman, P.
MW..... 8:00am- 1:00pm (Arranged) Lab
0201 (16874) F.....10:30am-12:00pm (EDU 1203) Beckman, P.
TuTh..... 8:00am- 1:00pm (Arranged) Lab

EDSP421A **Field Placement: Early Childhood Special Education I; Grade Method: REG/AUD.** *Pre- or corequisite: EDSP 420; and EDCI 410.* Graduate students only. Contact department to make arrangements. — 2-3 credits
0101 (16884) Time and room to be arranged Lab STAFF
0201 (16885) Time and room to be arranged Lab STAFF
0301 (16886) Time and room to be arranged Lab STAFF
0401 (16887) Time and room to be arranged Lab STAFF

EDSP423 **Assessment of Preschool Handicapped Children and Infants; Grade Method: REG/AUD.** *Prerequisites: EDSP 330, and EDSP 422. Corequisites: EDSP 430, and EDSP 431, and EDSP 400 or EDSP 441.* — 3 credits
0101 (16897) M..... 4:15pm- 7:00pm (EDU 0114) Lieber, J.

EDSP430 **Intervention Techniques and Strategies For Preschool Handicapped Children and Infants(Severe to Moderate, Birth-8 Years); Grade Method: REG/AUD.** *Prerequisites: EDSP 330; and EDSP 422. Corequisites: EDSP 423; and EDSP 431, and EDSP 400 or EDSP 441.* Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 431. — 3 credits
0101 (16907) Tu..... 4:15pm- 7:00pm (EDU 2101) Beckman, P.

EDSP431 **Field Placement: Early Childhood Special Education III (Severe to Moderate); Grade Method: REG/AUD.** *Prerequisite: EDSP 424 or permission of department. Pre- or corequisites: EDSP 430, and EDSP 423, and (EDSP 400 or EDSP 441).* Students must reserve three half-days (8-1) for this experience. — 4 credits
0101 (16917) F..... 9:00am-10:30am (EDU 0202) Beckman, P.
TuWTh..... 8:00am- 1:00pm (Arranged) Lab

EDSP431A **Field Placement: Early Childhood Special Education III (Severe to Moderate); Grade Method: REG/AUD.** *Prerequisite: EDSP 424 or permission of department. Pre- or corequisites: EDSP 430; and EDSP 423, and (EDSP 400 or EDSP 441).* Graduate students only. Contact department to make arrangements. — 2-4 credits
0101 (16927) Time and room to be arranged Lab STAFF
0201 (16928) Time and room to be arranged Lab STAFF
0301 (16929) Time and room to be arranged Lab STAFF
0401 (16930) Time and room to be arranged Lab STAFF

EDSP441 **Assessment and Instructional Design for the Educationally Handicapped: Oral Language and Communication Disorders; Grade Method: REG/AUD.** *Corequisites: EDSP 442 or EDSP 431 or permission of department.* Practicum required. Placement arranged for students not concurrently enrolled in EDSP 442 or EDSP 431. — 3 credits
0101 (16940) MW..... 2:45pm- 4:15pm (EDU 3236) Speece, D.

EDSP442 **Field Placement: Educationally Handicapped I; Grade Method: REG/AUD.** *Pre- or corequisite: EDSP 441 and EDCI 456 or permission of department.* Students must reserve two half-days (8-1) for this experience. — 3 credits
0101 (16950) F.....10:30am-12:00pm (EDU 0114) Graham, S.
MW..... 8:00am- 1:00pm (Arranged) Lab
0201 (16951) F.....10:30am-12:00pm (EDU 0114) Graham, S.
TuTh..... 8:00am- 1:00pm (Arranged) Lab

EDSP442A **Field Placement: Educationally Handicapped I; Grade Method: REG/AUD.** *Pre- or corequisite: EDSP 441 and EDCI 456 or permission of department.* Graduate students only. Contact department to make arrangements. — 2-3 credits
0101 (16961) Time and room to be arranged Lab STAFF
0201 (16962) Time and room to be arranged Lab STAFF
0301 (16963) Time and room to be arranged Lab STAFF
0401 (16964) Time and room to be arranged Lab STAFF
0501 (16965) Time and room to be arranged Lab STAFF
0601 (16966) Time and room to be arranged Lab STAFF
0701 (16967) Time and room to be arranged Lab STAFF
0801 (16968) Time and room to be arranged Lab STAFF

EDSP446 **Instructional Design for the Educationally Handicapped: Functional Living Skills; Grade Method: REG/AUD.** *Pre- or corequisites: EDSP 447 or EDSP 465 or permission of department.* — 3 credits
0101 (16978) TuTh..... 1:15pm- 2:45pm (EDU 2102) Graham, S.

EDSP447 **Field Placement: Educationally Handicapped III; Grade Method: REG/AUD.** *Prerequisite: EDSP 445 or permission of department. Pre- or corequisites: EDSP 446; and EDSP 450, and EDSP 460.* Students must reserve three half-days (8-1) for this experience. — 4 credits
0101 (16988) F.....10:00am-11:30am (EDU 0206) Graham, S.
TuWTh..... 8:00am- 1:00pm (Arranged) Lab

EDSP447A **Field Placement: Educationally Handicapped III; Grade Method: REG/AUD.** Individual instruction course: contact department or instructor to obtain section number. *Prerequisite: EDSP 445 or permission of department. Pre- or corequisites: EDSP 446, and EDSP 450; and EDSP 460.* Graduate students only. Contact department to make arrangements. — 2-4 credits

EDSP450 **Program Management for the Educationally Handicapped; Grade Method: REG/AUD.** *Corequisites: EDSP 411 or EDSP 447 or EDSP 465 or permission of department.* — 3 credits
0101 (17006) MW..... 1:15pm- 2:45pm (EDU 1107) Anderson, M.

EDSP460 **Career/Vocational Education For the Handicapped; Grade Method: REG/AUD.** *Corequisites: EDSP 461 or EDSP 411 or EDSP 447 or permission of department.* Completion of EDSP 600 or 210 recommended for graduate students. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 461 or EDSP 411 or EDSP 447. — 3 credits
0101 (17016) TuTh..... 2:45pm- 4:15pm (EDU 2102) Neubert, D.

EDSP461 **Field Placement: Career/Vocational I; Grade Method: REG/AUD.** *Pre- or corequisite: EDSP 460, and EDCI 456, and EDIT 421 or permission of department. For EDSP majors only.* Students must reserve two half-days (8-1) for this experience. — 3 credits
0101 (17026) F.....10:30am-12:00pm (EDU 2101) Neubert, D.
MW..... 8:00am- 1:00pm (Arranged) Lab
0201 (17027) F.....10:30am-12:00pm (EDU 2101) Neubert, D.
TuTh..... 8:00am- 1:00pm (Arranged) Lab

EDSP461A **Field Placement: Career/Vocational I; Grade Method: REG/AUD.** *Pre- or corequisite: EDSP 460, and EDCI 456, and EDIT 421 or permission of department. For EDSP majors only.* Graduate students only. Contact department to make arrangements. — 2-3 credits
0201 (17037) Time and room to be arranged Lab STAFF

EDSP464 **Secondary and Transition Methods in Special Education; Grade Method: REG/AUD.** *Prerequisite: EDSP 462 or permission of department.* — 3 credits
0101 (17047) Tu..... 4:15pm- 7:00pm (EDU 0202) Neubert, D.
0201 (17048) Time and room to be arranged Neubert, D.

EDSP465 **Field Placement: Career/Vocational III; Grade Method: REG/AUD.** *Prerequisite: EDSP 463. Pre- or corequisite: EDSP 446, and EDSP 450; and EDSP 464. For EDSP majors only.* Students must reserve three half-days (8-1) for this experience. — 3 credits
0201 (17058) F.....10:00am-11:30am (EDU 2102) Neubert, D.
TuWTh..... 8:00am- 1:00pm (Arranged) Lab

EDSP465A **Field Placement: Career/Vocational III; Grade Method: REG/AUD.** *Prerequisite: EDSP 463. Pre- or corequisite: EDSP 446, and EDSP 450; and EDSP 464. For EDSP majors only.* Graduate students only. Contact department to make arrangements. — 2-3 credits
0101 (17068) Time and room to be arranged Lab STAFF

EDSP470 **Introduction to Special Education; Grade Method: REG/AUD.** Not open to undergraduate special education or pre-special education majors. — 3 credits
0101 (17078) M..... 7:00pm- 9:45pm (EDU 1121) Leone, P.
0201 (17079) Th..... 4:15pm- 7:00pm (EDU 3515) Hebeler, J.

EDSP480 (PermReq) **Microcomputers in Special Education; Grade Method: REG/AUD.** *Credit will be granted for only one of the following: EDCI 385, EDCI 487, EDCI 406, EDIT 477, or EDSP 480.* — 3 credits
0101 (17089) Th..... 2:45pm- 4:15pm (EDU 1203) MacArthur, C.
Tu..... 2:45pm- 4:15pm (EDU 1203)

EDSP489 **Field Experiences in Special Education; Grade Method: REG/AUD.** — 1-4 credits
0101 (17099) Time and room to be arranged Strong, B.
0901 (17100) Time and room to be arranged Leone, P.

EDSP491 **Characteristics of Learning Disabled Students; Grade Method: REG/AUD.** *Prerequisite: EDSP 470 or permission of department.* — 3 credits
0101 (17110) W..... 7:00pm- 9:45pm (EDU 1315) Harris, K.

EDSP498 (PermReq) **Special Problems in Special Education; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number.** Special education majors only. — 1-6 credits

EDSP498B (PermReq) **Special Problems in Special Education: Career Development and Advising; Grade Method: REG/P-F/AUD.** Limited to pre-special and special education majors. — 1-6 credits
0101 (17141) F.....12:00pm- 2:00pm (Arranged) Molloy, M.

EDSP600 (PermReq) **Exceptional Children and Youth; Grade Method: REG/AUD.** *Prerequisite: 9 hours in special education and permission of department.* — 3 credits
0101 (17151) Tu..... 7:00pm- 9:45pm (EDU 1107) Cooper, D.

EDSP601 **Characteristics of Behaviorally Disordered Students; Grade Method: REG/AUD.** *Prerequisite: EDSP 600 or permission of department.* — 3 credits
0101 (17161) W..... 4:15pm- 7:00pm (TWS 0131) Anderson, M.

EDSP605 **The Exceptional Child and Society: Grade Method: REG/AUD.** *Prerequisite: EDSP 600 or permission of department.* — 3 credits
0101 (17171) W..... 4:15pm- 7:00pm (EDU 0210) Harry, G.

EDSP610 (PermReq) **Administration and Supervision of Special Education Programs; Grade Method: REG/AUD.** *Prerequisite: EDSP 600 and permission of department.* — 3 credits
0101 (17181) M..... 4:15pm- 7:00pm (EDU 1304) Hebeler, J.

EDSP615 **Evaluation and Measurement of Exceptional Children and Youth; Grade Method: REG/AUD.** *Prerequisites: EDMS 446, and EDMS 646, and EDSP 600 or permission of department.* — 3 credits
0101 (17191) Th..... 4:15pm- 7:00pm (EDU 0114) Cooper, D.

EDSP625 **Seminar on Severely Handicapping Conditions; Grade Method: REG/AUD.** *Prerequisite: EDSP 600 or permission of department.* — 3 credits
0101 (17201) M..... 4:15pm- 7:00pm (Arranged) Kohl, F.

EDSP685 **Working with Families of Handicapped Children and Youth; Grade Method: REG/AUD.** *Prerequisite: EDSP 600 or permission of department.* — 3 credits
0101 (17211) Th..... 7:00pm- 9:45pm (EDU 1315) Harry, G.

EDSP686 **Educating Handicapped Children and Youth with Communication Disabilities; Grade Method: REG/AUD.** *Prerequisite: EDSP 600 or permission of department.* — 3 credits
0101 (17221) Tu..... 4:15pm- 7:00pm (EDU 1315) Lieber, J.

EDSP672 **Theory and Empirical Design in Special Education; Grade Method: REG/AUD.** *Prerequisite: EDMS 645 or permission of department.* — 3 credits
0101 (17231) W..... 4:15pm- 7:00pm (TWS 2250) Harris, K.

EDSP675 (PermReq) **Policy Issues Impacting Persons with Disabilities; Grade Method: REG/AUD.** *Prerequisite: permission of department.* — 3 credits
0101 (17241) Tu..... 7:00pm- 9:45pm (EDU 1203) Mc Laughlin, M.

EDSP798 (PermReq) **Special Problems in Special Education; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number.** Special education majors only. — 1-6 credits

EDSP799 **Master's Thesis Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number.** Special education majors only. — 1-6 credits

EDSP880 **Doctoral Research Seminar; Grade Method: REG/AUD.** — 3 credits

0101 (17291) Tu..... 4:15pm- 7:00pm (ASV 3207) Graham, S.

EDSP888 (PermReq) **Apprenticeship in Special Education; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number.** Special education majors only. — 1-8 credits

EDSP889 (PermReq) **Internship in Special Education; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number.** Special education majors only. — 3-8 credits

EDSP899 **Doctoral Dissertation Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number.** Special education majors only. — 1-8 credits

EDUC Education (Education)

EDUC388 (PermReq) **Special Topics in Education: Guided Experience in College Teaching; Grade Method: REG.** Course restricted to students approved as undergraduate teaching assistants. Should be taken concurrently with EDCI 498, section 6601 for 1 credit. — 3 credits
0101 (17419) M..... 4:00pm- 6:00pm (EDU 1315) Greenberg, J.
Time and room to be arranged Dis

EDUC388H (PermReq) **Special Topics in Education: Honors Synthesis Seminar I; Grade Method: REG.** Seminar restricted to students admitted to the College of Education Honors program. — 2 credits
0101 (17429) M..... 5:00pm- 7:00pm (TWS 0158) Greenberg, J.

EDUC489H (PermReq) **Honors Thesis; Grade Method: REG/P-F. Individual instruction course: contact department or instructor to obtain section number.** — 1-6 credits

ENAE Engineering, Aerospace (Engineering)

ENAE201 **Introduction to Aerospace Engineering I; Grade Method: REG/P-F/AUD.** *Prerequisite: ENES 110.* — 2 credits
0101 (17500) Meets 09/07/93-11/19/93 Yanta, W.
MWF..... 3:00pm- 3:50pm (CHM 2201)

ENAE202 **Introduction to Aerospace Engineering II; Grade Method: REG/P-F/AUD.** *Prerequisite: ENAE 201.* — 2 credits
0101 (17510) Meets 09/07/93-11/19/93 STAFF
MWF..... 4:00pm- 4:50pm (EGR 2154)

ENAE305 **Aerospace Laboratory I; Grade Method: REG/P-F/AUD.** *Prerequisite: PHYS 263. Pre- or corequisites: ENAE 345, and ENAE 451, and ENAE 371.* — 3 credits
0101 (17520) MW..... 1:00pm- 1:50pm (JMP 3201) Winkelmann, A.
M..... 2:00pm- 5:00pm (EGL 0121) Lab
0102 (17521) MW..... 1:00pm- 1:50pm (JMP 3201) Winkelmann, A.
Tu..... 2:00pm- 5:00pm (EGL 0121) Lab
0103 (17522) MW..... 1:00pm- 1:50pm (JMP 3201) Winkelmann, A.
W..... 2:00pm- 5:00pm (EGL 0121) Lab
0104 (17523) MW..... 1:00pm- 1:50pm (JMP 3201) Winkelmann, A.
Th..... 2:00pm- 5:00pm (EGL 0121) Lab
0105 (17524) MW..... 1:00pm- 1:50pm (JMP 3201) Winkelmann, A.
F..... 2:00pm- 5:00pm (EGL 0121) Lab

ENAE345 **Flight Dynamics; Grade Method: REG/P-F/AUD.** *Prerequisites: ENES 221, and MATH 246.* — 3 credits
0101 (17534) MWF..... 8:00am- 8:50am (EGR 1104) Russell, H.

ENAE371 **Aerodynamics I; Grade Method: REG/P-F/AUD.** *Prerequisites: ENAE 202, and PHYS 262, and MATH 241. Corequisite: MATH 246.* — 3 credits
0101 (17544) TuTh..... 9:30am-10:45am (CHM 0122) Leishman, J.

ENAE398 (PermReq) **Honors Research Project; Grade Method: REG/P-F.** — 3 credits
0101 (17554) Time and room to be arranged STAFF

ENAE401 **Aerospace Laboratory II; Grade Method: REG/P-F/AUD.** *Prerequisites: ENAE 305, and ENAE 345. Corequisites: ENAE 452, and ENAE 471.* — 2 credits
0101 (17564) M.....12:00pm-12:50pm (CHE 2108) Winkelmann, A.
M..... 2:00pm- 5:00pm (EGL 0121) Lab
0102 (17565) M.....12:00pm-12:50pm (CHE 2108) Winkelmann, A.
Tu..... 2:00pm- 5:00pm (EGL 0121) Lab
0103 (17566) M.....12:00pm-12:50pm (CHE 2108) Winkelmann, A.
W..... 2:00pm- 5:00pm (EGL 0121) Lab
0104 (17567) M.....12:00pm-12:50pm (CHE 2108) Winkelmann, A.
Th..... 2:00pm- 5:00pm (EGL 0121) Lab
0105 (17568) M.....12:00pm-12:50pm (CHE 2108) Winkelmann, A.
F..... 2:00pm- 5:00pm (FGL 0121) Lab

ENAE411 **Aircraft Design; Grade Method: REG/P-F/AUD.** *Prerequisites: ENAE 345, and ENAE 451, and ENAE 371.* — 3 credits
0101 (17578) Tu..... 5:00pm- 7:30pm (EGR 1104) Obrimski, F.

ENAE445 **Stability and Control of Aerospace Vehicles; Grade Method: REG/P-F/AUD.** *Prerequisites: ENAE 345, and ENAE 371.* — 3 credits
0101 (17588) TuTh..... 8:00am- 9:15am (EGR 1202) Regan, F.

ENAE451 **Flight Structures I: Introduction to Solid Mechanics; Grade Method: REG/P-F/AUD.** *Prerequisite: ENES 220.* — 4 credits
0101 (17598) MWF..... 9:00am- 9:50am (CHE 2110) STAFF
M..... 2:00pm- 5:00pm (CHM 0115) Lab

ENAE452 **Flight Structures II: Structural Elements; Grade Method: REG/P-F/AUD.** *Prerequisite: ENAE 451.* — 3 credits
0101 (17608) MWF.....11:00am-11:50am (ZOP 2283) STAFF

ENAE461 **Flight Propulsion I; Grade Method: REG/P-F/AUD.** *Prerequisites: ENME 217, and ENAE 471.* — 3 credits
0101 (17618) MWF..... 9:00am- 9:50am (CHM 0119) Lewis, M.

ENAE471 **Aerodynamics II; Grade Method: REG/P-F/AUD.** *Prerequisites: ENAE 371, and ENME 217.* — 3 credits
0201 (17628) TuTh..... 9:30am-10:45am (CLB 0111) Korkegi, R.

ENAE473 **Aerodynamics of High-Speed Flight; Grade Method: REG/P-F/AUD.** *Prerequisite: ENAE 471 or equivalent.* — 3 credits
0101 (17638) TuTh..... 9:30am-10:45am (EGR 3102) Melnik, W.

ENAE475 **Viscous Flow and Aerodynamic Heating; Grade Method: REG/P-F/AUD.** *Prerequisites: ENAE 371, and ENAE 471, and ENME 217.* — 3 credits
0101 (17648) MWF.....10:00am-10:50am (CHM 0119) Jones, E.

ENAE488D **Topics in Aerospace Engineering: Principles of Spacecraft Design; Grade Method: REG/P-F/AUD.** — 3 credits
0101 (17658) TuTh.....11:00am-12:15pm (CHM 0127) Akin, D.

ENAE488E (PermReq) **Topics in Aerospace Engineering: Introduction to Aerospace Engineering; Grade Method: REG.** — 3 credits
0101 (17668) TuTh.....10:00am-10:50am (PHY 1402) Winkelmann, A.
M..... 2:00pm- 5:00pm (EGL 0121) Lab
0102 (17669) TuTh.....10:00am-10:50am (PHY 1402) Winkelmann, A.
Tu..... 2:00pm- 5:00pm (EGL 0121) Lab
0103 (17670) TuTh.....10:00am-10:50am (PHY 1402) Winkelmann, A.
W..... 2:00pm- 5:00pm (EGL 0121) Lab
0104 (17671) TuTh.....10:00am-10:50am (PHY 1402) Winkelmann, A.
Th..... 2:00pm- 5:00pm (EGL 0121) Lab
0105 (17672) TuTh.....10:00am-10:50am (PHY 1402) Winkelmann, A.
F..... 2:00pm- 5:00pm (EGL 0121) Lab

ENAE488F **Topics in Aerospace Engineering: Composite Structures; Grade Method: REG/AUD.** — 3 credits
0101 (17682) MW..... 2:00pm- 3:15pm (CHM 0119) Vizzini, A.

ENAE488G (PermReq) **Topics in Aerospace Engineering: Aerospace Control Systems; Grade Method: REG/AUD.** — 3 credits
0101 (17692) TuTh..... 9:30am-10:45am (EGR 1102) Seli, R.

ENAE488V (PermReq) **Topics in Aerospace Engineering: Manufacturing with Composites; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (17702) MW..... 9:00am- 9:50am (EGR 3108) Vizzini, A.
Tu..... 2:00pm- 5:00pm (EGR 3114) Lab
0102 (17703) MW..... 9:00am- 9:50am (EGR 3108) Vizzini, A.
Th..... 2:00pm- 5:00pm (EGR 3114) Lab

ENAE488W (PermReq) — **Topics in Aerospace Engineering: Introduction to the Design of Remotely Piloted Vehicles; Grade Method: REG/P-F/AUD.** — 3 credits
0101 (17713) MWF.....11:00am-11:50am (EGR 1108) Winkelmann, A.

ENAE499 (PermReq) — **Elective Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

ENAE631 (PermReq) — **Helicopter Aerodynamics I; Grade Method: REG/AUD.** *Prerequisite permission of both department and instructor.* — 3 credits
0101 (17737) TuTh..... 2:00pm- 3:15pm (EGR 1110) Leishman, J.

ENAE640 — **Atmospheric Flight Mechanics; Grade Method: REG/AUD.** *Prerequisite ENAE 445 or permission of department.* — 3 credits
0101 (17747) TuTh.....11:00am-12:15pm (CHE 2118) Barlow, J.

ENAE642 (PermReq) — **Aerospace Control Systems; Grade Method: REG/AUD.** *Prerequisite permission of department.* — 3 credits
0101 (17757) TuTh..... 9:30am-10:45am (EGR 1102) Celi, R.

ENAE650 — **Variational Methods in Structural Mechanics; Grade Method: REG/AUD.** *Prerequisite ENAE 452 or equivalent.* — 3 credits
0101 (17767) TuTh.....12:30pm- 1:45pm (CHE 2136) Lee, S.

ENAE653 (PermReq) — **Nonlinear Finite Element Analysis of Continua; Grade Method: REG/AUD.** *Prerequisite ENAE 652* — 3 credits
0101 (17777) TuTh..... 9:30am-10:45am (EGR 1110) Lee, S.

ENAE654 — **Composite Structures; Grade Method: REG/AUD.** *Prerequisite. ENAE 452 or permission of both department and instructor.* — 3 credits
0101 (17787) MW..... 2:00pm- 3:15pm (CHM 0119) Vizzini, A.

ENAE655 — **Structural Dynamics; Grade Method: REG/AUD.** *Prerequisite ENAE 452 or permission of department.* — 3 credits
0101 (17797) MW.....12:30pm- 1:45pm (CHM 0119) Chopra, I.

ENAE656 — **Aeroelasticity; Grade Method: REG/AUD.** *Prerequisite ENAE 655 or permission of department.* — 3 credits
0101 (17807) TuTh..... 3:30pm- 4:45pm (CHM 0122) Hess, D.

ENAE661 — **Advanced Propulsion I; Grade Method: REG/AUD.** *Prerequisites: ENAE 461, and ENAE 462.* — 3 credits
0101 (17817) MW.....11:00am-12:15pm (CHE 2116) Lewis, M.

ENAE670 (PermReq) — **Fundamentals of Aerodynamics; Grade Method: REG/AUD.** *Prerequisite: permission of department.* — 3 credits
0101 (17829) MW..... 9:30am-10:45am (ITV 1111) Anderson, J.

ENAE675 — **Aerodynamics of Viscous Fluids I; Grade Method: REG/AUD.** *Prerequisite ENAE 475 or permission of department.* — 3 credits
0101 (17839) MW..... 2:00pm- 3:15pm (EGR 3102) Jones, E.

ENAE682 (PermReq) — **Hypersonic Aerodynamics; Grade Method: REG/AUD.** *Prerequisite permission of department.* — 3 credits
0101 (17849) MW.....12:30pm- 1:45pm (ARM 0112) Anderson, J.

ENAE684 (PermReq) — **Computational Fluid Dynamics I; Grade Method: REG/AUD.** *Prerequisite. permission of department.* — 3 credits
0101 (17859) MW..... 5:00pm- 6:15pm (EGR 3114) Lekoudis, S.

ENAE788Z — **Selected Topics in Aerospace Engineering: Applied Digital Control; Grade Method: REG/AUD.** — 3 credits
0101 (17869) TuTh..... 3:30pm- 4:45pm (EGR 2154) Akin, D.

ENAE799 — **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

ENAE899 — **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-8 credits

ENAG Engineering, Agricultural — (Agriculture)

ENAG100 — **Basic Agricultural Engineering Technology; Grade Method: REG/P-F/AUD.** — 3 credits
0101 (17956) TuTh..... 2:00pm- 3:15pm (SHR 1105) STAFF

ENAG200 — **Fundamentals of Agricultural Mechanics; Grade Method: REG/P-F.** — 3 credits
0101 (17966) TuTh..... 8:00am- 9:15am (SHR 0106) Walls, R.
TuTh..... 9:30am-10:45am (SHR 0108) Lab
0102 (17967) Time and room to be arranged Walls, R.
Time and room to be arranged Lab

ENAG 234, 236 and 237 are a series of one-credit mini-courses in aspects of soil and water engineering. Students may elect one course or any combination to three credits. Students must enroll for each course - one credit per course. ENAG 234 begins Sept. 8 and ends Oct. 8; ENAG 236 begins Oct. 11 and ends Nov. 10; ENAG 237 begins Nov. 12 and ends Dec. 13. All courses meet at same time and room - MWF 11:00; SHR 0106.

ENAG234 — **Principles of Erosion and Water Control; Grade Method: REG/P-F/AUD.** Course is offered in the fall semester only. — 1 credit
0101 (17977) Meets 09/08/93-10/08/93 STAFF
MWF.....11:00am-11:50am (SHR 0106)

ENAG236 — **Design of Drainage Systems; Grade Method: REG/P-F/AUD.** Course is offered in the fall semester only. — 1 credit
0101 (17987) Meets 10/11/93-11/10/93 STAFF
MWF.....11:00am-11:50am (SHR 0106)

ENAG237 — **Design of Irrigation Systems; Grade Method: REG/P-F/AUD.** Course is offered in the fall semester only. — 1 credit
0101 (17997) Meets 11/12/93-12/13/93 STAFF
MWF.....11:00am-11:50am (SHR 0106)

ENAG315 — **Energy: Its Effects On Agriculture and Food; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Not recommended for engineering students.** — 3 credits
0101 (18007) TuTh..... 8:00am- 9:15am (HJP 0226) STAFF

ENAG388 (PermReq) — **Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

ENAG421 — **Power Systems; Grade Method: REG/P-F/AUD.** *Prerequisite ENME 217 and ENEE 300 and ENME 342 or ENCE 330.* Course is offered in the fall semester only. — 3 credits
0101 (18018) MF.....11:00am-11:50am (SHR 1105) Stewart, L.
W..... 2:00pm- 5:00pm (SHR 1105) Lab

ENAG422 (PermReq) — **Soil and Water Engineering; Grade Method: REG/P-F/AUD.** *Prerequisite: ENME 342 or ENCE 330.* Course is offered in the fall semester only. — 3 credits
0101 (18028) MWF.....10:00am-10:50am (SHR 0106) Shirmohammadi,

ENAG499 (PermReq) — **Special Problems in Agricultural Engineering; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

ENAG499 (PermReq) — **Special Problems in Agricultural Engineering Technology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

ENAG601 (PermReq) — **Instrumentation Systems; Grade Method: REG/AUD.** *Prerequisite: permission of department.* — 3 credits
0101 (18052) TuTh..... 4:30pm- 6:30pm (SHR 1112) Johnson, A.

ENAG688 (PermReq) — **Advanced Topics in Agricultural Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-4 credits

ENAG688P — **Advanced Topics in Agricultural Engineering: Creative Approaches to Engineering Analysis; Grade Method: REG/AUD.** Course begins October 7 and continues through November 9 (5 weeks - 1 credit). — 1 credit
0101 (18069) Meets 10/07/93-11/09/93 Johnson, A.
TuTh..... 2:00pm- 3:15pm (SHR 1112)

ENAG688T (PermReq) — **Advanced Topics in Agricultural Engineering: Techniques for Teaching Agricultural Engineering; Grade Method: REG/AUD.** Approval of instructor prior to enrollment required. — 1 credit
0101 (18079) TBA (SHR 1112) Johnson, A.

ENAG688 — **Seminar; Grade Method: REG/AUD.** — 1 credit
0101 (18089) M..... 4:00pm- 4:50pm (SHR 1105) Stewart, L.

ENAG699 (PermReq) — **Special Problems in Agricultural and Aquacultural Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

ENAG799 — **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

ENAG899 — **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-8 credits

ENCE Engineering, Civil — (Engineering)

ENCE201 (PermReq) — **Computational Methods in Civil Engineering I; Grade Method: REG/AUD.** *Corequisite: MATH 241; and ENES 220. Formerly ENCE 360.* — 3 credits
0101 (18172) MWF..... 8:00am- 8:50am (EGR 2107) STAFF

ENCE253 (PermReq) — **Elementary Structural Analysis; Grade Method: REG/AUD.** *Prerequisite ENES 220* — 3 credits
0101 (18182) TuTh..... 9:30am-10:45am (EGR 0108) STAFF
0201 (18183) TuTh..... 9:30am-10:45am (EGR 0104) STAFF

ENCE300 (PermReq) — **Fundamentals of Engineering Materials; Grade Method: REG/P-F/AUD.** *Pre- or corequisite. ENES 220* — 3 credits
0101 (18193) MW..... 1:00pm- 1:50pm (CHM 0115) STAFF
M..... 2:00pm- 5:00pm (EGL 0106A) Lab
0102 (18194) MW..... 1:00pm- 1:50pm (CHM 0115) STAFF
Tu..... 2:00pm- 5:00pm (EGL 0106A) Lab
0103 (18195) MW..... 1:00pm- 1:50pm (CHM 0115) STAFF
Th..... 2:00pm- 5:00pm (EGL 0106A) Lab

ENCE301 (PermReq) — **Computational Methods in Civil Engineering II; Grade Method: REG/AUD.** *Prerequisites: MATH 246, and ENCE 201. Junior standing.* — 3 credits
0101 (18205) MWF..... 8:00am- 8:50am (EGR 1108) STAFF

ENCE315 (PermReq) — **Introduction to Environmental Engineering; Grade Method: REG/AUD.** *Prerequisites: CHEM 103, and PHYS 161. Not open to ENGR students who have completed ENCE 221. Formerly ENCE 221.* — 3 credits
0101 (18215) TuTh..... 8:00am- 9:15am (EGR 1120) STAFF

ENCE320 (PermReq) — **Construction Engineering and Management; Grade Method: REG/AUD.** *Corequisite: ENCE 321 or permission of department. Credit will be granted for only one of the following: ENCE 320 or ENCE 421.* — 3 credits
0101 (18225) MWF.....12:00pm-12:50pm (EGR 1108) STAFF

ENCE321 (PermReq) — **Engineering Survey Measurements; Grade Method: REG/AUD.** *Corequisites: MATH 141, and ENCE 320. Formerly ENCE 280.* — 1 credit
0101 (18235) W..... 2:00pm- 5:00pm (CHM 0122) Lab STAFF

ENCE330 (PermReq) — **Basic Fluid Mechanics; Grade Method: REG/P-F/AUD.** *Prerequisites: ENES 220, and ENES 221, and PHYS 262.* — 3 credits
0101 (18248) MWF.....10:00am-10:50am (EGR 1108) STAFF
0201 (18249) MWF.....10:00am-10:50am (EGR 2107) STAFF

ENCE340 (PermReq) — **Fundamentals of Soil Mechanics; Grade Method: REG/P-F/AUD.** *Prerequisite ENES 220. Corequisite ENCE 300.* — 3 credits
0201 (18259) TuTh.....12:30pm- 1:45pm (CHM 0115) STAFF

ENCE355 (PermReq) — **Elementary Structural Design; Grade Method: REG/P-F/AUD.** *Prerequisites: ENCE 255, and ENCE 300.* — 3 credits
0101 (18269) TuTh.....11:00am-12:15pm (EGR 3106) STAFF
0201 (18270) TuTh.....11:00am-12:15pm (CHM 0119) STAFF

ENCE370 (PermReq) — **Fundamentals of Transportation Engineering; Grade Method: REG/P-F/AUD.** *Prerequisite ENCE 280* — 3 credits
0101 (18280) TuTh..... 9:30am-10:45am (EGR 1126) STAFF

ENCE423 (PermReq) — **Project Estimating, Planning and Control; Grade Method: REG/AUD.** *Prerequisite ENCE 320. For ENCE majors only.* — 4 credits
0101 (18290) TuTh.....11:00am-12:15pm (EGR 3110) Kartam, N.
Time and room to be arranged Lab

ENCE425 (PermReq) — **Decision Support Systems for Construction; Grade Method: REG/AUD.** *Prerequisite ENCE 320. For ENCE majors only.* — 3 credits
0101 (18300) MWF.....12:00pm-12:50pm (EGR 1104) Flood, I.

ENCE432 (PermReq) — **Ground Water Hydrology; Grade Method: REG/P-F/AUD.** *Prerequisite ENCE 330.* — 3 credits
0101 (18310) MWF..... 9:00am- 9:50am (EGR 1126) Sternberg, Y.

ENCE433 (PermReq) — **Environmental Engineering Analysis; Grade Method: REG/P-F/AUD.** *Prerequisites: CHEM 113, and ENCE 315.* — 3 credits
0101 (18320) MF..... 8:00am- 8:50am (CHM 0119) Birkner, F.
F..... 9:00am-12:00pm (CHM 1105) Lab
0102 (18321) MF..... 8:00am- 8:50am (CHM 0119) Birkner, F.
F.....12:00pm- 3:00pm (CHM 1105) Lab

ENCE435 (PermReq) — **Sanitary Engineering Analysis and Design; Grade Method: REG/P-F/AUD.** *Prerequisites: ENCE 315, and ENCE 330.* — 4 credits
0101 (18331) TuTh..... 9:30am-10:45am (EGR 1120) Hao, O.
M..... 2:00pm- 5:00pm (CHE 2108) Lab

ENCE441 (PermReq) — **Soil-Foundation Systems; Grade Method: REG/P-F/AUD.** *Prerequisite ENCE 340.* — 3 credits
0101 (18341) TuTh..... 9:30am-10:45am (EGR 2154) Aggour, M.

ENCE453 (PermReq) — **Computer-Aided Structural Analysis; Grade Method: REG/AUD.** *Prerequisites: ENCE 201, and ENCE 355.* — 4 credits
0101 (18351) MWF.....11:00am-11:50am (EGR 1106) Chang, P.
M..... 2:00pm- 2:50pm (EGR 0108) Lab

ENCE455 (PermReq) — **Design of Steel Structures; Grade Method: REG/AUD.** *Prerequisites: ENCE 255, and ENCE 355. Formerly ENCE 450.* — 3 credits
0101 (18361) TuTh.....11:00am-12:15pm (EGR 1102) Albrecht, P.

ENCE462 (PermReq) — **Systems Analysis for Civil Engineers; Grade Method: REG/P-F/AUD.** *Prerequisite ENCE 201.* — 3 credits
0101 (18371) TuTh.....11:00am-12:15pm (EGR 0104) Hashani, A.

ENCE463 (PermReq) — **Economic Analysis for Civil Engineers; Grade Method: REG/P-F/AUD.** *Prerequisite: permission of department.* — 3 credits
0101 (18381) TuTh..... 9:30am-10:45am (EGR 1106) Chang, G.

ENCE465 (PermReq) — **Geographic Information Systems for Planning and Design Models; Grade Method: REG/AUD.** *Senior standing. For ENCE majors only.* — 3 credits
0101 (18391) TuTh.....11:00am-12:15pm (EGR 0108) Ragan, R.

ENCE466 (PermReq) — **Design of Civil Engineering Systems; Grade Method: REG/AUD.** *For graduating seniors only. For ENCE majors only.* — 3 credits
0101 (18401) Tu..... 2:00pm- 2:50pm (EGR 1106) STAFF
Th..... 3:00pm- 4:50pm (EGR 0110) Lab
Tu..... 3:00pm- 4:50pm (EGR 0110) Lab

ENCE470 (PermReq) — **Highway Engineering; Grade Method: REG/P-F/AUD.** *Prerequisite ENCE 370* — 4 credits
0101 (18411) MWF.....10:00am-10:50am (EGR 0108) Carter, E.
W..... 2:00pm- 5:00pm (EGR 1106) Lab

ENCE489 (PermReq) — **Special Problems in Civil Engineering; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 3 credits

ENCE625 (PermReq) — **Operations Analysis for Construction; Grade Method: REG/AUD.** *Prerequisite: permission of instructor. Formerly ENCE 424.* — 3 credits
0101 (18451) MW..... 5:00pm- 6:15pm (EGR 0135) STAFF

ENCE630 (PermReq) — **Environmental and Water Resource Systems I; Grade Method: REG/AUD.** *Prerequisite: permission of both department and instructor.* — 3 credits
0101 (18461) MWF..... 8:00am- 8:50am (EGR 1126) McCuen, R.

ENCE636 — **Unit Operations of Environmental Engineering; Grade Method: REG/AUD.** *Prerequisite ENCE 315 or permission of both department and instructor.* — 3 credits
0101 (18471) TuTh..... 3:30pm- 4:45pm (EGR 1110) Davis, A.

ENCE637 (PermReq) — **Biological Principles of Environmental Engineering; Grade Method: REG/AUD.** *Prerequisite. permission of both department and instructor.* — 3 credits
0101 (18481) TuTh.....11:00am-12:15pm (CHM 0115) Hao, O.

ENCE640 — **Advanced Soil Mechanics; Grade Method: REG/AUD.** *Prerequisite. ENCE 340 or equivalent.* — 3 credits
0101 (18491) TuTh..... 3:30pm- 4:45pm (EGR 1106) Schwartz, C.

ENCE642 — **Soil Dynamics; Grade Method: REG/AUD.** *Pre- or corequisite ENCE 640 or permission of both department and instructor.* — 3 credits
0101 (18501) TuTh.....12:30pm- 1:45pm (EGR 0135) Aggour, M.

ENCE643 (PermReq) — **Theory of Soil Strength; Grade Method: REG/AUD.** *Prerequisites: ENCE 340 or equivalent and permission of instructor.* — 3 credits
0101 (18511) MW..... 3:30pm- 4:45pm (EGR 1110) Goodings, D.

ENCE652 — **Analysis of Plate and Shell Structures; Grade Method: REG/AUD.** *Prerequisites: ENCE 410, and ENCE 381 or equivalent.* — 3 credits
0101 (18521) MW..... 3:00pm- 4:15pm (EGR 1108) STAFF

ENCE655 (PermReq) — **Plastic Analysis and Design of Structures; Grade Method: REG/AUD.** *Prerequisite: permission of both department and instructor.* — 3 credits
0101 (18531) TuTh..... 8:00am- 9:15am (EGR 1106) Albrecht, P.

ENCE663 — **Management of Construction Organizations; Grade Method: REG/AUD.** — 3 credits
0101 (18541) M..... 7:00pm- 9:45pm (EGR 1106) Maloney, W.

ENCE664 — **Construction Contracts and Specifications; Grade Method: REG/AUD.** *For ENCE majors only.* — 3 credits
0101 (18551) Th..... 5:30pm- 8:15pm (EGR 1108) STAFF

ENCE668 — **Cost Engineering and Control; Grade Method: REG/AUD.** — 3 credits
0101 (18561) Tu..... 7:00pm- 9:45pm (EGR 0108) Maloney, W.

ENCE670 — **Highway Traffic Characteristics and Measurements; Grade Method: REG/AUD.** *Prerequisite ENCE 470 or permission of both department and instructor.* — 3 credits
0101 (18571) MW..... 5:00pm- 6:15pm (EGR 2154) Carter, E.

ENCE675 — **Airport Planning and Design; Grade Method: REG/AUD.** *Prerequisite ENCE 471 or permission of both department and instructor.* — 3 credits
0101 (18581) Tu..... 5:00pm- 7:45pm (EGR 1120) Schonfeld, P.

ENCE677 — **Quantitative Methods in Transportation Engineering; Grade Method: REG/AUD.** — 3 credits
0101 (18591) TuTh..... 3:30pm- 4:45pm (EGR 1108) Hashani, A.

ENCE688 — **Advanced Topics in Civil Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

ENCE688D — **Advanced Topics in Civil Engineering: Concrete Construction; Grade Method: REG/AUD.** — 3 credits
0101 (18630) W..... 7:00pm- 9:45pm (EGR 1102) STAFF

ENCE688F (PermReq) — **Advanced Topics in Civil Engineering: Chemistry of Natural Waters II; Grade Method: REG/AUD.** *Prerequisites: ENCE 633 and permission of instructor.* — 3 credits
0101 (18640) TuTh.....12:30pm- 1:45pm (EGR 1106) Davis, A.

ENCE688M — **Advanced Topics in Civil Engineering: Masonry Structures; Grade Method: REG/AUD.** — 1-3 credits
0101 (18650) TuTh.....11:00am-12:15pm (EGR 1120) Wolde-Tinsae, A

ENCE688Q — **Advanced Topics in Civil Engineering: Traffic Control Theory; Grade Method: REG/AUD.** — 1-3 credits
0101 (18660) Th..... 5:00pm- 7:45pm (EGR 1106) Chang, G.

ENCE688R (PermReq) — **Advanced Topics in Civil Engineering: River Engineering; Grade Method: REG/AUD.** — 3 credits
0101 (18670) TuTh..... 6:30pm- 7:45pm (EGR 1110) Johnson, P.

ENCE688W — **Advanced Topics in Civil Engineering: Stream Response to Waste Discharge; Grade Method: REG/AUD.** — 3 credits
0101 (18680) TuTh..... 5:00pm- 6:15pm (EGR 0108) Birkner, F.

ENCE688Z (PermReq) — **Advanced Topics in Civil Engineering: Geographic Information Systems for Watershed Analysis; Grade Method: REG/AUD.** *Prerequisite: permission of department and instructor.* — 3 credits
0101 (18690) TuTh..... 3:30pm- 4:45pm (EGR 1104) Ragan, R.

ENCE699 — **Seminar; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-16 credits

ENCE731 — **Advanced Ground Water Hydrology; Grade Method: REG/AUD.** *Prerequisite ENCE 432 or equivalent.* — 3 credits
0101 (18729) MWF.....10:00am-10:50am (EGR 1106) Sternberg, Y.

ENCE742 — **Site Investigation; Grade Method: REG/AUD.** *Prerequisite ENCE 340 or equivalent or permission of both department and instructor.* — 3 credits
0101 (18739) Tu..... 5:00pm- 7:30pm (EGR 1106) Rib, H.

ENCE746 — **Pavement Management Systems; Grade Method: REG/AUD.** — 3 credits
0101 (18749) TuTh..... 8:00am- 9:15am (EGR 1102) Witczak, M.

ENCE753 — **Reinforced Concrete Structures; Grade Method: REG/AUD.** *Prerequisites: ENCE 450, and ENCE 451 or equivalent.* — 3 credits
0101 (18759) TuTh.....12:30pm- 1:45pm (EGR 0110) Ayyub, B.

ENCE799 — **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

ENCE899 — **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-8 credits

ENCH Engineering, Chemical — (Engineering)

ENCH215 (PermReq) — **Chemical Engineering Analysis; Grade Method: REG/P-F/AUD.** *Prerequisite. CHEM 104. Pre- or corequisite: MATH 141.* — 3 credits
0101 (18877) MWF.....11:00am-11:50am (ARM 0112) Weigand, W.

ENCH300 (PermReq) — **Chemical Process Thermodynamics; Grade Method: REG/P-F/AUD.** *Prerequisites: CHEM 203, and ENCH 215; and MATH 241* — 3 credits
0101 (18887) MWF.....11:00am-11:50am (CHM 2201) McAvoy, T.

ENCH333 (PermReq) **Chemical Engineering Seminar; Grade Method: REG/P-F/AUD.** *Senior standing.* — 1 credit
0101 (16897) W.....12:00pm-12:50pm (CHE 2136) STAFF

ENCH422 (PermReq) **Transport Processes I; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 241 and MATH 246 and ENES 110.* — 3 credits
0101 (18907) TuTh..... 9:30am-10:45am (CHM 0127) Smith, T.

ENCH426 (PermReq) **Transport Processes III; Grade Method: REG.** *Prerequisites: ENCH 300 and ENCH 324. Corequisite: ENCH 424.* — 3 credits
0101 (18917) MWF..... 2:00pm- 2:50pm (CHE 2110) STAFF

ENCH437 (PermReq) **Chemical Engineering Laboratory; Grade Method: REG/P-F/AUD.** *Prerequisites: ENCH 426; and ENCH 440, and ENCH 442.* — 3 credits
0101 (18927) Th.....11:00am- 6:00pm (CHE 1145) Lab Smith, T.
0201 (18928) Tu.....11:00am- 6:00pm (CHE 1145) Lab Smith, T.

ENCH444 (PermReq) **Process Engineering Economics and Design I; Grade Method: REG/P-F/AUD.** *Prerequisites: ENCH 426, and ENCH 440; and ENCH 442.* — 3 credits
0101 (18938) MWF..... 3:00pm- 3:50pm (CHE 2118) Mavrovouniotis,

ENCH450 (PermReq) **Chemical Process Development; Grade Method: REG/P-F/AUD.** *Prerequisite ENCH 426.* — 3 credits
0101 (18948) TuTh..... 9:30am-10:45am (CHE 2136) Gasner, L.

ENCH452 (PermReq) **Advanced Chemical Engineering Analysis; Grade Method: REG/P-F/AUD.** *Prerequisite ENCH 426.* — 3 credits
0101 (18958) MWF..... 9:00am- 9:50am (CHE 2120) Wang, N.

ENCH488 (PermReq) **Research; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number.** — 1-3 credits

ENCH488R (PermReq) **Research: Recycling of Waste Materials; Grade Method: REG/P-F/AUD.** — 3 credits
0101 (18982) MWF..... 1:00pm- 1:50pm (CHE 2120) Gasner, L.

ENCH482 (PermReq) **Biochemical Engineering; Grade Method: REG/P-F/AUD.** *Prerequisite: senior standing in engineering or permission of both department and instructor.* — 3 credits
0101 (18992) MWF.....11:00am-11:50am (CHE 2108) Bentley, W.

ENCH490 (PermReq) **Introduction to Polymer Science; Grade Method: REG/P-F/AUD.** *Prerequisite ENCH 422.* — 3 credits
0101 (19002) MWF.....10:00am-10:50am (CHE 2136) Choi, K.

ENCH809 (PermReq) **Graduate Seminar; Grade Method: REG/AUD.** — 1 credit
0101 (19012) Tu..... 3:00pm- 3:50pm (CHE 2145) STAFF

ENCH820 **Methods of Engineering Analysis; Grade Method: REG/AUD.** — 3 credits
0101 (19022) MW..... 5:30pm- 6:45pm (CHE 2145) Wang, N.

ENCH830 **Transport Phenomena; Grade Method: REG/AUD.** — 3 credits
0101 (19032) MW..... 4:00pm- 5:15pm (CHE 2145) Calabrese, R.

ENCH848 (PermReq) **Special Problems in Chemical Engineering; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number.** — 1-16 credits

ENCH735 (PermReq) **Chemical Process Dynamics and Control; Grade Method: REG/AUD.** *Prerequisite: permission of instructor.* — 3 credits
0101 (19056) MW..... 1:00pm- 2:15pm (CHE 2136) Zafiriou, E.

ENCH781 (PermReq) **Polymer Reaction Engineering; Grade Method: REG/AUD.** *Prerequisite: ENCH 640 or permission of instructor.* — 3 credits
0101 (19066) Time and room to be arranged Choi, K.

ENCH799 **Master's Thesis Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number.** — 1-6 credits

ENCH899 **Doctoral Dissertation Research: Chemical Engineering; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number.** — 1-8 credits

ENCO Engineering, Cooperative Education (Engineering)

ENCO099 (PermReq) **Co-Op Work Experience; Grade Method: S-F. If dropping course, see Withdrawl and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes.** — No credit
0101 (19155) Time and room to be arranged Sauber, H.

ENEE Engineering, Electrical (Engineering)

ENEE204 **Basic Circuit Theory; Grade Method: REG.** *Prerequisite: MATH 246.* Engineering College only (04). — 3 credits
0101 (19205) TuTh..... 9:30am-10:45am (PHY 1410) STAFF
M..... 1:00pm- 1:50pm (EGR 1102) Dis
0103 (19206) TuTh..... 9:30am-10:45am (PHY 1410) STAFF
Tu..... 2:00pm- 2:50pm (CHE 2120) Dis
0105 (19207) TuTh..... 9:30am-10:45am (PHY 1410) STAFF
W.....12:00pm-12:50pm (EGR 3110) Dis
0106 (19208) TuTh..... 9:30am-10:45am (PHY 1410) STAFF
W..... 2:00pm- 2:50pm (EGR 0110) Dis
0107 (19209) TuTh..... 9:30am-10:45am (PHY 1410) STAFF
Th..... 8:00am- 8:50am (EGR 1110) Dis
0108 (19210) TuTh..... 9:30am-10:45am (PHY 1410) STAFF
F..... 9:00am- 9:50am (EGR 3108) Dis

ENEE244 **Digital Logic Design; Grade Method: REG.** *Prerequisite: ENES 240.* Engineering College only (04). — 3 credits
0101 (19220) TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
M..... 8:00am- 8:50am (EGR 3110) Dis
0102 (19221) TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
M.....12:00pm-12:50pm (EGR 3108) Dis
0103 (19222) TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
M..... 2:00pm- 2:50pm (EGR 3114) Dis
0105 (19223) TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
Tu..... 2:00pm- 2:50pm (EGR 1108) Dis
0107 (19224) TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
Th..... 2:00pm- 2:50pm (EGR 0102) Dis
0108 (19225) TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
W..... 9:00am- 9:50am (EGR 0102) Dis

ENEE300 **Principles of Electrical Engineering; Grade Method: REG.** *Prerequisites: MATH 241, PHYS 263. Corequisite: ENEE 301. Required of aerospace, mechanical and chemical engineers. Not applicable in the electrical engineering major program. Acceptable as prerequisite for some advanced ENEE courses.* Engineering college (04) only. — 3 credits
0101 (19235) TuTh..... 8:00am- 9:15am (ARM 0131) STAFF
Tu..... 1:00pm- 1:50pm (EGR 1108) Dis
0102 (19236) TuTh..... 8:00am- 9:15am (ARM 0131) STAFF
Th..... 1:00pm- 1:50pm (EGR 1108) Dis
0103 (19237) TuTh..... 8:00am- 9:15am (ARM 0131) STAFF
Tu..... 2:00pm- 2:50pm (EGR 3108) Dis
0104 (19238) TuTh..... 8:00am- 9:15am (ARM 0131) STAFF
Th..... 2:00pm- 2:50pm (EGR 1124) Dis
0109 (19239) TuTh..... 8:00am- 9:15am (ARM 0131) STAFF
W..... 2:00pm- 2:50pm (EGR 0108) Dis

ENEE301 **Electrical Engineering Laboratory; Grade Method: REG.** *Corequisite: ENEE 300.* Engineering college (04) only. — 1 credit
0101 (19249) F..... 8:00am- 8:50am (EGR 1202) STAFF
M..... 1:00pm- 3:00pm (AVW 1360) Lab
0103 (19250) F..... 8:00am- 8:50am (EGR 1202) STAFF
W..... 1:00pm- 3:00pm (AVW 1360) Lab
0104 (19251) F..... 8:00am- 8:50am (EGR 1202) STAFF
Th..... 1:00pm- 3:00pm (AVW 1360) Lab
0106 (19252) F..... 8:00am- 8:50am (EGR 1202) STAFF
Tu..... 3:00pm- 5:00pm (AVW 1360) Lab
0107 (19253) F..... 8:00am- 8:50am (EGR 1202) STAFF
M..... 3:30pm- 5:30pm (AVW 1360) Lab

All lower-level CHEM, MATH, PHYS, and engineering courses that are required courses for the BS degree in Electrical Engineering must be completed before enrolling in any 300- or 400- level course (except ENEE 300 and ENEE 301). Transfer students will be allowed one term to complete all such courses after starting to take upper-level ENEE courses.

ENEE302 **Analog Electronic Circuits; Grade Method: REG.** *Prerequisite: ENEE 204 and completion of all lower-division courses in the EE curriculum. See above note.* ENEE majors (09090) only. — 3 credits
0101 (19263) TuTh..... 8:00am- 9:15am (CHM 0115) STAFF
W..... 3:00pm- 3:50pm (EGR 0104) Dis
0102 (19264) TuTh..... 8:00am- 9:15am (CHM 0115) STAFF
Tu.....11:00am-11:50am (EGR 3102) Dis
0201 (19265) TuTh.....11:00am-12:15pm (CHE 2110) STAFF
Th..... 3:00pm- 3:50pm (EGR 3102) Dis
0202 (19266) TuTh.....11:00am-12:15pm (CHE 2110) STAFF
M..... 1:00pm- 1:50pm (EGR 2112) Dis
0301 (19267) MWF..... 2:00pm- 2:50pm (CHM 2201) STAFF
W..... 4:00pm- 4:50pm (EGR 3110) Dis
0302 (19268) MWF..... 2:00pm- 2:50pm (CHM 2201) STAFF
F..... 9:00am- 9:50am (EGR 1106) Dis

ENEE305 **Fundamental Laboratory; Grade Method: REG.** *Prerequisite: ENEE 204 and completion of all lower-division technical courses in the EE curriculum. See above note. This course is prerequisite to all ENEE 400-level laboratory courses.* ENEE (09090) majors only. — 2 credits
0101 (19278) F.....12:00pm-12:50pm (EGR 1202) STAFF
Tu..... 8:00am-11:00am (AVW 1330) Lab
0103 (19279) F.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....12:00pm- 3:00pm (AVW 1330) Lab
0104 (19280) F.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....12:00pm- 3:00pm (AVW 1330) Lab
0105 (19281) F.....12:00pm-12:50pm (EGR 1202) STAFF
Th..... 3:00pm- 6:00pm (AVW 1330) Lab
0106 (19282) F.....12:00pm-12:50pm (EGR 1202) STAFF
F..... 1:00pm- 4:00pm (AVW 1330) Lab
0107 (19283) F.....12:00pm-12:50pm (EGR 1202) STAFF
M..... 1:00pm- 4:00pm (AVW 1330) Lab
0108 (19284) F.....12:00pm-12:50pm (EGR 1202) STAFF
W..... 3:00pm- 6:00pm (AVW 1330) Lab
0109 (19285) F.....12:00pm-12:50pm (EGR 1202) STAFF
W.....12:00pm- 3:00pm (AVW 1330) Lab

ENEE312 **Digital Electronic Circuits; Grade Method: REG.** *Prerequisite: ENEE 302 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only. — 3 credits
0101 (19295) MWF..... 9:00am- 9:50am (CHM 0127) STAFF
M..... 1:00pm- 1:50pm (EGR 1124) Dis
0102 (19296) MWF..... 9:00am- 9:50am (CHM 0127) STAFF
M..... 2:00pm- 2:50pm (EGR 1124) Dis
0201 (19297) TuTh.....12:30pm- 1:45pm (EGR 1104) STAFF
Th..... 3:00pm- 3:50pm (EGR 1120) Dis
0202 (19298) TuTh.....12:30pm- 1:45pm (EGR 1104) STAFF
M..... 1:00pm- 1:50pm (EGR 3102) Dis
0301 (19299) TuTh..... 8:00am- 9:15am (EGR 3106) STAFF
Th..... 2:00pm- 2:50pm (EGR 3102) Dis
0302 (19300) TuTh..... 8:00am- 9:15am (EGR 3106) STAFF
F.....12:00pm-12:50pm (EGR 3110) Dis

ENEE322 **Signal and System Theory; Grade Method: REG.** *Prerequisites: ENEE 204 and MATH 246 and completion of all lower-division technical courses in the curriculum. See above note.* ENEE majors (09090) only. — 3 credits
0101 (19310) TuTh..... 9:30am-10:45am (JMP 3201) STAFF
Tu..... 8:00am- 8:50am (EGR 2112) Dis
0102 (19311) TuTh..... 9:30am-10:45am (JMP 3201) STAFF
0201 (19312) MW.....11:00am-12:15pm (CHM 0119) STAFF
W..... 1:00pm- 1:50pm (EGR 1102) Dis
0202 (19313) MW.....11:00am-12:15pm (CHM 0119) STAFF
F.....11:00am-11:50am (CHM 0119) Dis
0301 (19314) TuTh..... 2:00pm- 3:15pm (CHE 2110) STAFF
Th..... 4:00pm- 4:50pm (EGR 1120) Dis
0302 (19315) TuTh..... 2:00pm- 3:15pm (CHE 2110) STAFF
Tu..... 9:00am- 9:50am (EGR 2112) Dis

ENEE324 **Engineering Probability; Grade Method: REG.** *Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only. — 3 credits
0101 (19325) MWF.....11:00am-11:50am (EGR 3106) STAFF
Tu..... 2:00pm- 2:50pm (EGR 3102) Dis
0102 (19326) MWF.....11:00am-11:50am (EGR 3106) STAFF
Tu.....12:00pm-12:50pm (EGR 3111) Dis
0201 (19327) TuTh..... 2:00pm- 3:15pm (EGR 3106) STAFF
F..... 8:00am- 8:50am (ARM 0105) Dis
0202 (19328) TuTh..... 2:00pm- 3:15pm (EGR 3106) STAFF
Tu..... 9:00am- 9:50am (ARM 0105) Dis
0301 (19329) MWF.....10:00am-10:50am (CHM 0115) STAFF
Tu..... 3:00pm- 3:50pm (EGR 1120) Dis
0302 (19330) MWF.....10:00am-10:50am (CHM 0115) STAFF
W..... 8:00am- 8:50am (EGR 3110) Dis

ENEE350 **Computer Organization: Grade Method: REG.** *Prerequisite: ENEE 244 and completion of all lower-division technical courses in the EE curriculum. See above note. Not open to students who have completed ENEE 250. Formerly ENEE 250.* ENEE majors (09090) only — 3 credits
0101 (19340) MWF.....12:00pm-12:50pm (EGR 3106) STAFF
M..... 9:00am- 9:50am (CHM 0122) Dis
0102 (19341) MWF.....12:00pm-12:50pm (EGR 3106) STAFF
M.....10:00am-10:50am (CHE 2145) Dis
0201 (19342) MWF..... 1:00pm- 1:50pm (CHE 2108) STAFF
M..... 9:00am- 9:50am (CHE 2145) Dis
0202 (19343) MWF..... 1:00pm- 1:50pm (CHE 2108) STAFF
M.....12:00pm-12:50pm (EGR 3110) Dis
0301 (19344) TuTh..... 9:30am-10:45am (CHE 2110) STAFF
Tu..... 2:00pm- 2:50pm (EGR 3110) Dis
0302 (19345) TuTh..... 9:30am-10:45am (CHE 2110) STAFF
Tu..... 3:00pm- 3:50pm (CHE 2140) Dis

ENEE380 **Electromagnetic Theory; Grade Method: REG.** *Prerequisites: MATH 241 and PHYS 263 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only. — 3 credits
0101 (19355) MWF.....10:00am-10:50am (CHM 0127) STAFF
0201 (19356) TuTh.....12:30pm- 1:45pm (CHM 0127) STAFF
0301 (19357) MWF.....11:00am-11:50am (CHM 0127) STAFF

ENEE381 **Electromagnetic Wave Propagation; Grade Method: REG.** *Prerequisite: ENEE 380 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors only (09090). — 3 credits
0101 (19367) MWF..... 8:00am- 8:50am (CHE 2108) STAFF
0201 (19368) TuTh.....11:00am-12:15pm (CHM 1402) STAFF
0301 (19369) MWF..... 2:00pm- 2:50pm (CHM 0127) STAFF

ENEE413 **Electronics Laboratory; Grade Method: REG.** *Prerequisite: ENEE 305 and ENEE 314 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only. — 2 credits
0101 (19379) M.....12:00pm-12:50pm (CHE 2110) STAFF
Tu..... 9:00am-12:00pm (AVW 1356) Lab
0102 (19380) M.....12:00pm-12:50pm (CHE 2110) STAFF
Tu.....12:30pm- 3:30pm (AVW 1356) Lab
0103 (19381) M.....12:00pm-12:50pm (CHE 2110) STAFF
Th..... 9:00am-12:00pm (AVW 1356) Lab
0104 (19382) M.....12:00pm-12:50pm (CHE 2110) STAFF
Th.....12:30pm- 3:30pm (AVW 1356) Lab
0105 (19383) M.....12:00pm-12:50pm (CHE 2110) STAFF
F..... 1:00pm- 4:00pm (AVW 1356) Lab
0106 (19384) M.....12:00pm-12:50pm (CHE 2110) STAFF
W..... 1:00pm- 4:00pm (AVW 1356) Lab
0108 (19385) M.....12:00pm-12:50pm (CHE 2110) STAFF
M..... 3:30pm- 6:30pm (AVW 1356) Lab

ENEE418 (PermReq) **Projects in Electrical Engineering: General Electrical Engineering Projects; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number.** ENEE majors (09090) only. — 1-3 credits

ENEE418A (PermReq) **Projects in Electrical Engineering: Introduction to Walking Machines; Grade Method: REG.** Prerequisites: senior standing and permission of instructor and department. — 3 credits
0101 (19461) MW..... 3:30pm- 4:30pm (EGR 0108) STAFF
MW..... 4:30pm- 5:30pm (EGR 0108) Lab

ENEE418O **Projects in Electrical Engineering: Optoelectronics Lab; Grade Method: REG.** Prerequisites: ENEE 305 and PHYS 263 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 2 credits
0101 (19471) Tu..... 1:00pm- 1:50pm (EGR 3108) STAFF
Tu..... 2:00pm- 5:00pm (EGL 1144) Lab
0102 (19472) Tu..... 1:00pm- 1:50pm (EGR 3108) STAFF
Th..... 2:00pm- 5:00pm (EGL 1144) Lab

ENEE420 **Communication Systems; Grade Method: REG.** *Prerequisite: ENEE 324 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only. — 3 credits
0101 (19482) TuTh..... 3:30pm- 4:45pm (EGR 1126) STAFF
0201 (19483) MW.....12:30pm- 1:45pm (EGR 1126) STAFF

ENEE425 **Digital Signal Processing; Grade Method: REG.** *Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only. — 3 credits
0101 (19493) MW..... 3:30pm- 4:45pm (EGR 1126) STAFF
0301 (19494) MW.....11:00am-12:15pm (CHM 0115) STAFF

ENEE435 **Electrodes and Electrical Processes in Biology and Medicine; Grade Method: REG.** *Prerequisite: ENEE 204 or ENEE 300 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only. — 3 credits
0101 (19504) TuTh..... 6:30pm- 7:45pm (EGR 3110) STAFF

ENEE440 **Microprocessors; Grade Method: REG.** *Prerequisite: ENEE 250 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors only (09090). — 3 credits
0101 (19514) TuTh.....12:30pm- 1:45pm (EGR 0108) STAFF
0201 (19515) TuTh..... 9:30am-10:45am (CHM 0128) STAFF
0301 (19516) TuTh..... 8:00am- 9:15am (EGR 0108) STAFF

ENEE445 **Computer Laboratory; Grade Method: REG.** *Prerequisite: ENEE 305 and ENEE 440 or ENEE 444 and completion of all lower-division technical course in the EE curriculum. See above note.* ENEE majors (09090) only. — 2 credits
0101 (19526) Tu.....11:00am-11:50am (EGR 3108) STAFF
Tu.....12:30pm- 3:30pm (AVW 1458) Lab
0102 (19527) Tu.....11:00am-11:50am (EGR 3108) STAFF
Th..... 9:00am-12:00pm (AVW 1458) Lab
0103 (19528) Tu.....11:00am-11:50am (EGR 3108) STAFF
Th.....12:30pm- 3:30pm (AVW 1458) Lab

ENEE448 **Digital Computer Design; Grade Method: REG.** *Prerequisite: ENEE 250 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only. — 3 credits
0101 (19538) TuTh..... 5:00pm- 6:15pm (EGR 3106) STAFF
0301 (19539) TuTh.....11:00am-12:15pm (CSS 2352) STAFF

ENEE460 **Control Systems; Grade Method: REG.** *Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only. — 3 credits
0101 (19549) MW..... 2:00pm- 3:15pm (EGR 3106) STAFF

ENEE472 **Electric Power System Components; Grade Method: REG.** *Prerequisite: ENEE 322, and ENEE 380, and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only. — 3 credits
0101 (19559) TuTh.....11:00am-12:15pm (EGR 2154) STAFF

ENEE473 **Electrical Machines Laboratory; Grade Method: REG.** *Prerequisite: ENEE 305 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only. — 2 credits
0101 (19569) W..... 1:00pm- 1:50pm (EGR 1104) STAFF
M..... 2:30pm- 5:00pm (AVW 1318) Lab
0102 (19570) W..... 1:00pm- 1:50pm (EGR 1104) STAFF
M..... 2:30pm- 5:00pm (AVW 1318) Lab
0103 (19571) W..... 1:00pm- 1:50pm (EGR 1104) STAFF
Tu..... 2:30pm- 5:00pm (AVW 1318) Lab
0104 (19572) W..... 1:00pm- 1:50pm (EGR 1104) STAFF
Th..... 2:30pm- 5:00pm (AVW 1318) Lab
0105 (19573) W..... 1:00pm- 1:50pm (EGR 1104) STAFF
M..... 9:30am-12:00pm (AVW 1318) Lab
0106 (19574) W..... 1:00pm- 1:50pm (EGR 1104) STAFF
F..... 2:30pm- 5:00pm (AVW 1318) Lab
0107 (19575) W..... 1:00pm- 1:50pm (EGR 1104) STAFF
F..... 9:30am-12:00pm (AVW 1318) Lab

ENEE480 **Fundamentals of Solid State Electronics; Grade Method: REG.** *Prerequisite: ENEE 381 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only. — 3 credits
0101 (19585) TuTh.....11:00am-12:15pm (EGR 1126) STAFF

ENEE488C **Topics in Electrical Engineering: Fundamentals of Charged Particle Devices; Grade Method: REG.** ENEE majors (09090) only. — 3 credits
0101 (19595) TuTh..... 2:00pm- 3:15pm (EGR 0108) STAFF

ENEE488D **Topics in Electrical Engineering: Data Structures and Algorithms; Grade Method: REG.** Prerequisite: ENEE 450 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 3 credits
0101 (19605) WF.....11:00am-12:15pm (EGR 1120) STAFF

ENEE488K **Topics in Electrical Engineering: Optical System Design; Grade Method: REG.** Corequisite: ENEE 381 and completion of all lower-division technical courses in the EE curriculum. ENEE majors (09090) only. — 3 credits
0101 (19615) MW..... 9:30am-10:45am (EGR 2112) STAFF

ENEE808A **Graduate Seminar: Communications Seminar; Grade Method: REG/AUD.** Electrical engineering majors only. — 1 credit
0101 (19625) F..... 4:00pm- 4:50pm (EGR 3114) STAFF

ENEE808B **Graduate Seminar: Computers; Grade Method: REG/AUD.** Electrical engineering majors only. — 1 credit
0101 (19635) F..... 3:00pm- 4:00pm (EGR 3102) STAFF

ENEE808C **Graduate Seminar: Controls; Grade Method: REG/AUD.** Electrical engineering majors only. — 1 credit
0101 (19645) F..... 4:00pm- 5:00pm (EGR 3108) STAFF

ENEE808D **Graduate Seminar: Electrophysics Seminar; Grade Method: REG/AUD.** Electical engineering majors only. — 1 credit
0101 (19655) F..... 4:00pm- 5:00pm (EGR 3110) STAFF

ENEE808E **Graduate Seminar: Microelectronics Seminar; Grade Method: REG/AUD.** Electrical engineering majors only. — 1 credit
0101 (19665) F..... 3:00pm- 4:00pm (EGR 3110) STAFF

ENEE808M (PermReq) **Graduate Seminar: Topics in Queueing Systems; Grade Method: REG/AUD.** — 1-3 credits
0101 (19675) W.....12:00pm- 2:00pm (CHE 2118) STAFF

ENEE809A (PermReq) **Projects in Electrical Engineering: Independent Study; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number.** — 1-3 credits

ENEE809B (PermReq) **Projects in Electrical Engineering; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number.** — 1-3 credits

ENEE810 **Electrical Network Theory; Grade Method: REG/AUD.** *Prerequisite: undergraduate circuit theory or permission of instructor.* — 3 credits
0101 (19817) TuTh.....12:30pm- 1:45pm (EGR 3106) STAFF

ENEE820 **Random Processes in Communication and Control; Grade Method: REG/AUD.** *Prerequisite: ENEE 324 or equivalent.* — 3 credits
0101 (19827) TuTh..... 3:30pm- 4:45pm (EGR 3106) STAFF

ENEE825 **Multi-user Communication; Grade Method: REG/AUD.** *Prerequisite: ENEE 620.* — 3 credits

0101 (19837) TuTh..... 2:00pm- 3:15pm (CHM 0115) STAFF

ENEE646 Digital Computer Design; Grade Method: REG/AUD. *Prerequisite: ENEE 446.* 3 credits
0101 (19847) MW..... 5:00pm- 6:15pm (EGR 1104) STAFF

ENEE648I Advanced Topics in Electrical Engineering: Operating Systems; Grade Method: REG/AUD. 3 credits
0101 (19857) TuTh..... 5:00pm- 6:15pm (ITV 1100) STAFF

ENEE661 Nonlinear Control Systems; Grade Method: REG/AUD. *Prerequisite: ENEE 460 or permission of instructor.* 3 credits
0101 (19867) TuTh..... 5:00pm- 6:15pm (CHM 0119) STAFF

ENEE663 System Theory; Grade Method: REG/AUD. *Also offered as MAPL 640.* 3 credits
0101 (19877) MW..... 3:30pm- 4:45pm (CHM 0119) STAFF

ENEE680 Electromagnetic Theory I; Grade Method: REG/AUD. *Prerequisite: ENEE 381 or equivalent.* 3 credits
0101 (19887) MW..... 9:30am-10:45am (EGR 3106) STAFF

ENEE690 Quantum and Wave Phenomena with Electrical Application; Grade Method: REG/AUD. *Prerequisites: ENEE 381 and ENEE 382 or equivalent.* 3 credits
0101 (19897) MW.....11:00am-12:15pm (EGR 0104) STAFF

ENEE721 Information Theory; Grade Method: REG/AUD. *Corequisite: ENEE 620. Prerequisite: STAT 400 or equivalent. Also offered as MAPL 731.* 3 credits
0101 (19907) MW..... 2:00pm- 3:15pm (ARM 0116) STAFF

ENEE724 Digital Signal Processing; Grade Method: REG/AUD. *Prerequisite: ENEE 620 or permission of instructor.* 3 credits
0101 (19917) TuTh.....12:30pm- 1:45pm (ARM 0117) STAFF

ENEE780 Microwave Engineering; Grade Method: REG/AUD. *Prerequisite: ENEE 681.* 3 credits
0101 (19927) MW..... 3:30pm- 4:45pm (EGR 3108) STAFF

ENEE781 Quantum Electronics II; Grade Method: REG/AUD. 3 credits
0101 (19937) TuTh..... 5:00pm- 6:15pm (EGR 3110) STAFF

ENEE783 Solid State Electronics; Grade Method: REG/AUD. *Prerequisite: a graduate course in quantum mechanics or permission of instructor.* 3 credits
0101 (19947) MW..... 5:00pm- 6:15pm (CHM 0119) STAFF

ENEE799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENEE899 (PermReq) Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

ENES Engineering Science (Engineering)

ENES102 (PermReq) Statics; Grade Method: REG/P-F/AUD. *For engineering majors only. Formerly ENES 110.* 2 credits
0101 (20156) TuTh.....12:30pm- 1:20pm (ARM 0131) STAFF
M..... 2:00pm- 3:00pm (EGR 0104) Dis
0102 (20157) TuTh.....12:30pm- 1:20pm (ARM 0131) STAFF
Tu..... 2:00pm- 3:00pm (EGR 1104) Dis
0103 (20158) TuTh.....12:30pm- 1:20pm (ARM 0131) STAFF
W..... 2:00pm- 3:00pm (EGR 0104) Dis
0105 (20159) TuTh.....12:30pm- 1:20pm (ARM 0131) STAFF
Th..... 2:00pm- 3:00pm (CHE 2136) Dis
0106 (20160) TuTh.....12:30pm- 1:20pm (ARM 0131) STAFF
F..... 2:00pm- 3:00pm (EGR 0104) Dis
0201 (20161) TuTh.....11:00am-11:50am (ARM 0135) STAFF
M..... 2:00pm- 3:00pm (EGR 0110) Dis
0202 (20162) TuTh.....11:00am-11:50am (ARM 0135) STAFF
Tu..... 2:00pm- 3:00pm (CHE 2136) Dis
0203 (20163) TuTh.....11:00am-11:50am (ARM 0135) STAFF
W..... 2:00pm- 3:00pm (EGR 1108) Dis
0204 (20164) TuTh.....11:00am-11:50am (ARM 0135) STAFF
Th..... 2:00pm- 3:00pm (EGR 1108) Dis
0205 (20165) TuTh.....11:00am-11:50am (ARM 0135) STAFF
F..... 2:00pm- 3:00pm (EGR 1108) Dis
0301 (20166) TuTh..... 9:30am-10:20am (ARM 0126) STAFF
M..... 2:00pm- 3:00pm (EGR 1108) Dis
0302 (20167) TuTh..... 9:30am-10:20am (ARM 0126) STAFF
Tu..... 2:00pm- 3:00pm (CHM 0122) Dis
0303 (20168) TuTh..... 9:30am-10:20am (ARM 0126) STAFF
W..... 2:00pm- 3:00pm (PHY 1219) Dis
0304 (20169) TuTh..... 9:30am-10:20am (ARM 0126) STAFF
Th..... 2:00pm- 3:00pm (EGR 3108) Dis

ENES103 (PermReq) FORTRAN for Engineers; Grade Method: REG/P-F/AUD. *For engineering majors only.* 1 credit
0101 (20179) M.....11:00am-11:50am (CHM 0122) STAFF
0201 (20180) W.....11:00am-11:50am (CHM 0122) STAFF
0301 (20181) F.....11:00am-11:50am (CHM 0122) STAFF
0401 (20182) M.....12:00pm-12:50pm (CHM 0122) STAFF
0501 (20183) W.....12:00pm-12:50pm (CHM 0122) STAFF
0601 (20184) F.....12:00pm-12:50pm (CHM 0122) STAFF

ENES220 Mechanics of Materials; Grade Method: REG/AUD. *Prerequisites: MATH 141, and PHYS 161, and ENES 102 or ENES 110. For engineering majors only (not including ENEE majors).* Prerequisite: student in the College of Engineering. 4 credits
0101 (20194) MWF..... 8:00am- 8:50am (CHE 2110) STAFF
M..... 2:00pm- 4:00pm (EGR 1104) Dis
0102 (20195) MWF..... 8:00am- 8:50am (CHE 2110) STAFF
W..... 2:00pm- 4:00pm (EGR 1104) Dis
0201 (20196) MWF..... 9:00am- 9:50am (CHE 2108) STAFF
M..... 2:00pm- 4:00pm (CHM 0122) Dis
0202 (20197) MWF..... 9:00am- 9:50am (CHE 2108) STAFF
W..... 2:00pm- 4:00pm (CHM 0115) Dis
0301 (20198) TuTh..... 8:00am- 9:15am (CHE 2108) STAFF
Tu..... 2:00pm- 4:00pm (CHM 0119) Dis
0302 (20199) TuTh..... 8:00am- 9:15am (CHE 2108) STAFF
Th..... 2:00pm- 4:00pm (CHM 0119) Dis

ENES221 (PermReq) Dynamics; Grade Method: REG/P-F/AUD. *Prerequisites: ENES 102 or ENES 110, and MATH 141, and PHYS 161.* Prerequisite: student in the College of Engineering. 3 credits
0101 (20209) MW..... 8:00am- 8:50am (EGR 1202) STAFF
M..... 1:00pm- 3:00pm (EGR 1120) Dis
0102 (20210) MW..... 8:00am- 8:50am (EGR 1202) STAFF
W..... 1:00pm- 3:00pm (EGR 1120) Dis
0103 (20211) MW..... 8:00am- 8:50am (EGR 1202) STAFF
F..... 8:00am-10:00am (EGR 0135) Dis
0201 (20212) TuTh..... 9:30am-10:20am (EGR 1202) STAFF
M..... 1:00pm- 3:00pm (CHE 2145) Dis
0202 (20213) TuTh..... 9:30am-10:20am (EGR 1202) STAFF
Tu..... 1:00pm- 3:00pm (EGR 2112) Lab
0203 (20214) TuTh..... 9:30am-10:20am (EGR 1202) STAFF
Tu..... 1:00pm- 3:00pm (EGR 2154) Dis
0204 (20215) TuTh..... 9:30am-10:20am (EGR 1202) STAFF
W..... 1:00pm- 3:00pm (EGR 2112) Dis
0205 (20216) TuTh..... 9:30am-10:20am (EGR 1202) STAFF
Th..... 1:00pm- 3:00pm (EGR 1120) Dis

ENES230 (PermReq) Introduction to Materials and their Applications; Grade Method: REG/P-F/AUD. *Prerequisite: ENES 102 or ENES 110.* Prerequisite: student in the College of Engineering. 3 credits
0101 (20226) TuTh..... 3:30pm- 4:45pm (CHE 2108) Marriott, R.

ENES240 Engineering Computation; Grade Method: REG. *Prerequisite: MATH 141.* Engineering College (04) only. 3 credits
0103 (20236) MW.....11:00am-11:50am (ARM 0135) STAFF
M..... 1:00pm- 3:00pm (EGR 1110) Dis
0105 (20237) MW.....11:00am-11:50am (ARM 0135) STAFF
Tu..... 1:00pm- 3:00pm (EGR 1120) Dis
0108 (20238) MW.....11:00am-11:50am (ARM 0135) STAFF
W..... 1:00pm- 3:00pm (EGR 3110) Dis
0110 (20239) MW.....11:00am-11:50am (ARM 0135) STAFF
Th..... 1:00pm- 3:00pm (CHE 2145) Dis
0111 (20240) MW.....11:00am-11:50am (ARM 0135) STAFF
Th..... 1:00pm- 3:00pm (EGR 3110) Dis
0112 (20241) MW.....11:00am-11:50am (ARM 0135) STAFF
F..... 1:00pm- 3:00pm (EGR 1120) Dis

ENES388 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3-6 credits

ENES388 Engineering Honors Seminar; Grade Method: REG/P-F. 1 credit
0101 (20252) W.....12:00pm-12:50pm (EGR 0108) McCuen, R.

ENES388R Selected Topics: Recycling: Designing Environmental Solutions; Grade Method: REG. 3 credits
0101 (20262) TuTh.....12:30pm- 1:45pm (CHE 2110) Gasner, L.

ENFP Engineering, Fire Protection (Engineering)

ENFP251 Introduction to Fire Protection Engineering; Grade Method: REG/P-F/AUD. 3 credits
0101 (20312) MW..... 1:00pm- 3:00pm (EGR 0135) Quintiere, J.

ENFP310 (PermReq) Fire Protection Systems Design I; Grade Method: REG/P-F/AUD. *Prerequisite: ENFP 290.* 3 credits
0101 (20322) TuTh..... 8:00am-10:00am (EGR 0135) Bryan, J.

ENFP320 (PermReq) Pyrometrics of Materials; Grade Method: REG/P-F/AUD. 3 credits
0101 (20332) MW..... 3:00pm- 5:00pm (EGR 0135) Bryan, J.

ENFP415 (PermReq) Fire Dynamics; Grade Method: REG/P-F/AUD. *Prerequisites: ENCH 300 or ENME 320, and ENCE 330 or ENME 342, and ENFP 312 or permission of department.* 3 credits
0101 (20342) MW.....10:00am-12:00pm (EGR 0135) Quintiere, J.

ENFP421 (PermReq) Functional and Life Safety Analysis; Grade Method: REG/P-F/AUD. *Prerequisites: ENFP 320, and ENFP 315.* 3 credits
0101 (20352) TuTh.....10:00am-12:00pm (EGR 0135) Milke, J.

ENFP498S Special Topics: Fabrics and Furnishings Flammability; Grade Method: REG/AUD. 3 credits
0101 (20362) TuTh..... 2:00pm- 4:00pm (EGR 0135) Spivak, S.

ENFP622 Fire Protection Engineering Hazard Analysis; Grade Method: REG/AUD. *Prerequisite: ENFP 610.* 3 credits
0101 (20372) TuTh..... 5:00pm- 6:30pm (EGR 0135) Milke, J.

ENFP624 (PermReq) Causative Analysis; Grade Method: REG/AUD. *Prerequisite: permission of department.* 3 credits
0101 (20382) MW..... 5:00pm- 6:30pm (EGR 1106) Mowrer, F.

ENFP799 Master's Thesis Research; Grade Method: REG/S-F. 1-6 credits
0101 (20392) Time and room to be arranged Bryan, J.

ENGL English (Arts and Humanities)

A student enrolled in ENGL A101, Spring 1994 ENGL 101, will have a reserved seat in the course for the Spring 1994 semester. The enrollment must be confirmed during Spring 1994 advance registration.

ENGL101 Introduction to Writing; Grade Method: REG. Students with a TWSE score below 33 must take ENGL 101A in place of ENGL 101. Students for whom English is a second language should consider taking ENGL 101X in place of ENGL 101. 3 credits
0001 (20463) MWF..... 8:00am- 8:50am (SCP 2120) Hendrickson, A.
0002 (20464) MWF..... 8:00am- 8:50am (SCP 2122) STAFF
01HR (20465) MWF..... 9:00am- 9:50am (LPA 1125) STAFF
01RH (20466) MWF..... 9:00am- 9:50am (DEN 0127) STAFF
0102 (20467) MWF..... 9:00am- 9:50am (HBK 1108) STAFF
0105 (20468) MWF..... 9:00am- 9:50am (ARM 0101) STAFF
0107 (20469) MWF..... 9:00am- 9:50am (HBK 0117) STAFF
0108 (20470) MWF..... 9:00am- 9:50am (ARM 0118) STAFF
02HR (20472) MWF.....10:00am-10:50am (DEN 0127) STAFF
02RH (20473) MWF.....10:00am-10:50am (LPA 1125) STAFF
0202 (20474) MWF.....10:00am-10:50am (HBK 0125) STAFF
0203 (20475) MWF.....10:00am-10:50am (ARM 0118) STAFF
0205 (20476) MWF.....10:00am-10:50am (WDS 1127) STAFF
0207 (20477) MWF.....10:00am-10:50am (HBK 0117) STAFF
0208 (20478) MWF.....10:00am-10:50am (HBK 1116) STAFF
0301 (20479) MWF.....11:00am-11:50am (ARM 0120) STAFF
0302 (20480) MWF.....11:00am-11:50am (ARM 0102) STAFF
0303 (20481) MWF.....11:00am-11:50am (ARM 0105) STAFF
0304 (20482) MWF.....11:00am-11:50am (ARM 0118) STAFF
0305 (20483) MWF.....11:00am-11:50am (CHE 2120) STAFF
0401 (20485) MWF.....12:00pm-12:50pm ($CP 1105) STAFF
0402 (20486) MWF.....12:00pm-12:50pm (KEY 0117) STAFF
0403 (20487) MWF.....12:00pm-12:50pm (WDS 1131) STAFF
0405 (20488) MWF.....12:00pm-12:50pm (WDS 1127) STAFF
0407 (20489) MWF.....12:00pm-12:50pm (ARM 0105) STAFF
0408 (20490) MWF.....12:00pm-12:50pm (HBK 0125) STAFF
0409 (20491) MWF.....12:00pm-12:50pm (HBK 0117) STAFF
0501 (20492) MWF..... 1:00pm- 1:50pm (WDS 1127) STAFF
0502 (20493) MWF..... 1:00pm- 1:50pm (WDS 1131) STAFF
0503 (20494) MWF..... 1:00pm- 1:50pm (ARM 0101) STAFF
0504 (20495) MWF..... 1:00pm- 1:50pm (HBK 0125) STAFF
0505 (20496) MWF..... 1:00pm- 1:50pm (ARC 1127) STAFF
0506 (20497) MWF..... 1:00pm- 1:50pm (WDS 1130) STAFF
0507 (20498) MWF..... 1:00pm- 1:50pm (JMZ 1226) STAFF
0602 (20499) MWF..... 2:00pm- 2:50pm (ASY 3219) STAFF
0605 (20500) MWF..... 2:00pm- 2:50pm (JMZ 0120) STAFF
0606 (20501) MWF..... 2:00pm- 2:50pm (ARM 0121) STAFF
0702 (20502) MWF..... 3:00pm- 3:50pm ($CP 1107) STAFF
1002 (20503) TuTh..... 8:00am- 9:15am (KEY 0120) STAFF
1003 (20504) TuTh..... 8:00am- 9:15am (KEY 0119) STAFF
1004 (20505) TuTh..... 8:00am- 9:15am ($CP 2119) STAFF
1007 (20506) TuTh..... 8:00am- 9:15am ($CP 2121) STAFF
1101 (20507) TuTh..... 9:30am-10:45am (KEY 0120) STAFF
1102 (20508) TuTh..... 9:30am-10:45am (KEY 0119) STAFF
1202 (20510) TuTh.....11:00am-12:15pm (KEY 0124) STAFF
1203 (20511) TuTh.....11:00am-12:15pm (CHM 0122) STAFF
1205 (20512) TuTh.....11:00am-12:15pm (KEY 0117) STAFF
1206 (20513) TuTh.....11:00am-12:15pm (ARM 0120) STAFF
1301 (20515) TuTh.....12:30pm- 1:45pm (JMZ 1122) STAFF
1302 (20516) TuTh.....12:30pm- 1:45pm (ARM 0119) STAFF
1303 (20517) TuTh.....12:30pm- 1:45pm (EGR 1124) STAFF
1304 (20518) TuTh.....12:30pm- 1:45pm (ARC 1125) STAFF
1305 (20519) TuTh.....12:30pm- 1:45pm (COL 3112) STAFF
1308 (20520) TuTh.....12:30pm- 1:45pm (ARC 1123) STAFF
1401 (20521) TuTh..... 2:00pm- 3:15pm (HBK 1116) STAFF
1403 (20522) TuTh..... 2:00pm- 3:15pm (ARM 0102) STAFF
1404 (20523) TuTh..... 2:00pm- 3:15pm (KEY 0121) STAFF
1405 (20524) TuTh..... 2:00pm- 3:15pm (JMZ 1122) STAFF
1407 (20525) TuTh..... 2:00pm- 3:15pm (LEF 1210) STAFF
1501 (20526) TuTh..... 3:30pm- 4:45pm (ARM 0101) STAFF
1504 (20527) TuTh..... 3:30pm- 4:45pm (ARC 1123) STAFF

ENGL101A Introduction to Writing; Grade Method: REG. Students should take ENGL 101A rather than ENGL 101 if their TWSE score (a subscore of the SAT verbal) is 33 or below. 3 credits
1701 (20537) MWF..... 2:00pm- 2:50pm ($CP 2121) STAFF
1706 (20538) TuTh..... 9:30am-10:45am (TWS 2230) STAFF

ENGL101H Introduction to Writing; Grade Method: REG. For general honors students or students with a verbal SAT of 600 or better. 3 credits
0101 (20548) MWF.....10:00am-10:50am (ARM 0120) STAFF
0201 (20549) MWF..... 1:00pm- 1:50pm (KEY 0123) STAFF
0501 (20550) TuTh..... 9:30am-10:45am (LEF 1220) STAFF

ENGL101X Introduction to Writing; Grade Method: REG. Limited to students for whom English is a second language. To register for ENGL 101X, a student must first demonstrate competence in English. Proof of one of the following should be brought to Undergraduat Advising. A TOEFL score of 550 with no sectional score below 50. 2. A CELT score of 220 with no subtest score below 60 and a rating of 5 or better on the writing sample. 3. Successful completion of UMEI 005: Advanced English as a Foreign Language, Semi-Intensive. 3 credits
2002 (20560) TuTh..... 9:30am-10:45am (JMZ 1109) STAFF
2003 (20561) TuTh.....11:00am-12:15pm (JMZ 1109) STAFF
2004 (20562) MWF.....10:00am-10:50am (LEF 1210) STAFF
2006 (20563) MWF.....11:00am-11:50am (ARM 0101) STAFF
2007 (20564) MWF..... 9:00am- 9:50am (CHE 2116) STAFF

ENGL201 Western World Literature, Homer to the Renaissance; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0401 (20576) MWF..... 2:00pm- 2:50pm ($CP 1121) STAFF

ENGL202 Western World Literature, Renaissance to the Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0401 (20588) TuTh.....12:30pm- 1:45pm (TYD 1108) STAFF

ENGL205 Introduction to Shakespeare; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Recommended for non-majors.* 3 credits
0401 (20601) MWF.....10:00am-10:50am (KEY 0103) STAFF
0501 (20602) MWF.....11:00am-11:50am (KEY 0126) STAFF
1001 (20603) TuTh..... 9:30am-10:45am ($CP 1105) STAFF

ENGL212 English Literature From 1800 to the Present; Grade Method: REG/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0301 (20625) MWF.....11:00am-11:50am (KEY 0103) STAFF

ENGL221 American Literature: Beginning to 1865; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0101 (20635) MWF.....10:00am-10:50am (MMH 0108) STAFF

ENGL222 American Literature: 1865 to Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0201 (20646) MWF..... 1:00pm- 1:50pm (ARM 0105) STAFF
0301 (20647) TuTh..... 2:00pm- 3:15pm (HZF 1106) STAFF
0601 (20648) MWF..... 9:00am- 9:50am (EGR 3110) STAFF

ENGL234 Introduction to African-American Literature; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0101 (20658) MWF..... 1:00pm- 1:50pm ($CP 1101) STAFF
0201 (20659) TuTh.....11:00am-12:15pm (MMH 1304) STAFF
0301 (20660) MWF..... 9:00am- 9:50am ($CP 1119) STAFF
0501 (20661) MWF.....10:00am-10:50am ($CP 2122) STAFF
0601 (20662) TuTh..... 9:30am-10:45am (DNC 1147A) STAFF

ENGL240 Introduction to Fiction, Poetry, and Drama; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Not open to students who have completed ENGL 102.* 3 credits
0101 (20672) TuTh.....11:00am-12:15pm (EGR 0110) STAFF
0201 (20673) MWF.....10:00am-10:50am (TWS 0138) STAFF
0301 (20674) MWF.....12:00pm-12:50pm ($CP 1101) STAFF
0401 (20675) TuTh.....11:00am-12:15pm (DNC 1139B) STAFF

ENGL241 Introduction to the Novel; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0101 (20685) TuTh.....11:00am-12:15pm (WDS 1131) STAFF
0301 (20686) TuTh..... 9:30am-10:45am (TYD 1108) STAFF
0401 (20687) MWF..... 9:00am- 9:50am ($CP 2117) STAFF
0601 (20688) MWF.....11:00am-11:50am (KEY 0125) STAFF
0701 (20689) MWF..... 1:00pm- 1:50pm (TYD 0111) STAFF
0901 (20690) TuTh..... 2:00pm- 3:15pm (WDS 1130) STAFF
1001 (20691) MWF.....10:00am-10:50am (TYD 1101) STAFF

ENGL243 Introduction to Poetry; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0301 (20701) MWF..... 1:00pm- 1:50pm (KEY 0125) STAFF
0401 (20702) TuTh.....11:00am-12:15pm (ARM 0116) STAFF
0501 (20703) TuTh..... 9:30am-10:45am (KEY 0123) STAFF
0601 (20704) MWF.....10:00am-10:50am ($CP 1105) STAFF
0701 (20705) MWF.....11:00am-11:50am (LEF 1221) STAFF
0801 (20706) MWF.....12:00pm-12:50pm ($CP 2117) STAFF
0901 (20707) MWF.....11:00am-11:50am (ASY 3215) STAFF

ENGL244 Introduction to Drama; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0201 (20718) TuTh.....11:00am-12:15pm (ARM 0110) STAFF
0401 (20719) MWF.....11:00am-11:50am (TYD 0111) STAFF
0501 (20720) MWF..... 9:00am- 9:50am ($CP 1105) STAFF

ENGL250 Introduction to Literature by Women; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0301 (20741) MWF.....11:00am-11:50am (LEF 1201) STAFF
0401 (20742) TuTh..... 9:30am-10:45am ($CP 1107) STAFF
0501 (20743) TuTh.....12:30pm- 1:45pm ($CP 2120) STAFF
0601 (20744) TuTh..... 9:30am-10:45am (TYD 2106) STAFF

ENGL281 Standard English Grammar, Usage, and Diction; Grade Method: REG/P-F/AUD. 3 credits
0101 (20774) TuTh.....11:00am-12:15pm ($CP 2121) Herman, H.
0201 (20775) TuTh..... 9:30am-10:45am ($CP 2121) Herman, H.

ENGL281 Intermediate Writing; Grade Method: REG/P-F/AUD. 3 credits
0101 (20785) MWF.....11:00am-11:50am (KEY 0119) STAFF
0201 (20786) TuTh.....12:30pm- 1:45pm (JMZ 1226) STAFF

ENGL284 Introduction to Creative Writing; Grade Method: REG/P-F/AUD. *Sophomore standing.* 3 credits
0101 (20796) TuTh.....12:30pm- 1:45pm (WDS 1131) STAFF
0301 (20797) MW..... 2:00pm- 3:15pm (WDS 1130) STAFF
0401 (20798) TuTh.....12:30pm- 1:45pm (KEY 0119) STAFF

ENGL288 Beginning Fiction Workshop; Grade Method: REG/P-F/AUD. 3 credits
0101 (20808) MW..... 2:00pm- 3:15pm (KEY 0119) STAFF
0201 (20809) MW..... 2:00pm- 3:15pm (KEY 0117) STAFF
0301 (20810) TuTh..... 2:00pm- 3:15pm ($CP 1111) STAFF

ENGL287 Beginning Poetry Workshop; Grade Method: REG/P-F/AUD. 3 credits
0101 (20820) MW..... 3:00pm- 4:15pm ($CP 1103) STAFF
0201 (20821) TuTh..... 2:00pm- 3:15pm (JMZ 1120) STAFF

ENGL301 Critical Methods in the Study of Literature; Grade Method: REG/P-F/AUD. *For English and English education majors only.* 3 credits
0101 (20831) MWF.....10:00am-10:50am (TYD 0101) McDowell, P.
0201 (20832) MWF.....11:00am-11:50am ($CP 2120) McDowell, P.
0301 (20833) TuTh.....11:00am-12:15pm (JMZ 2123) Ray, S.
0401 (20834) TuTh..... 9:30am-10:45am (JMZ 3205) Ray, S.
0501 (20835) TuTh.....11:00am-12:15pm (KEY 0123) Schilb, J.
0601 (20836) MWF.....11:00am-11:50am (TYD 2140) STAFF
0801 (20837) TuTh..... 9:30am-10:45am ($CP 2117) STAFF
1201 (20838) TuTh.....12:30pm- 1:45pm ($CP 2119) STAFF

ENGL301H (PermReq) Critical Methods in the Study of Literature; Grade Method: REG. *For English and English education majors only.* For departmental honors students. 3 credits
0101 (20848) TuTh..... 2:00pm- 3:15pm (KEY 0117) STAFF

ENGL310 Medieval and Renaissance British Literature; Grade Method: REG/P-F/AUD. 3 credits
0101 (20858) MWF.....10:00am-10:50am (DNC 1139B) Cartwright, K.
0301 (20859) TuTh..... 9:30am-10:45am ($CP 1101) Olmert, M.
0401 (20860) TuTh.....11:00am-12:15pm ($CP 1117) Coletti, T.

ENGL311 Baroque and Augustan British Literature; Grade Method: REG/P-F/AUD. 3 credits
0101 (20870) MWF.....10:00am-10:50am ($CP 2117) Buhlis, P.
0301 (20871) TuTh.....11:00am-12:15pm (DNC 1147A) STAFF
0501 (20872) TuTh..... 9:30am-10:45am (KEY 0121) DiPaolo, T.

ENGL312 Romantic to Modern British Literature; Grade Method: REG/P-F/AUD. 3 credits
0101 (20882) TuTh..... 2:00pm- 3:15pm ($CP 2117) Kleine, D.
0201 (20883) MWF..... 2:00pm- 2:50pm (KEY 0121) Moore, T.

ENGL313 American Literature; Grade Method: REG/P-F/AUD. 3 credits
0101 (20893) MW.....10:00am-10:50am ($CP 1120) Caramello, C.
F.....10:00am-10:50am ($CP 1120) Dis
0102 (20894) MW.....10:00am-10:50am ($CP 1120) Caramello, C.
F.....12:00pm-12:50pm ($CP 1121) Dis
0103 (20895) MW.....10:00am-10:50am ($CP 1120) Caramello, C.
F.....10:00am-10:50am (ZOP 1124) Dis
0104 (20896) MW.....10:00am-10:50am ($CP 1120) Caramello, C.
F..... 2:00pm- 2:50pm ($CP 1117) Dis

ENGL320 English Romantic Literature; Grade Method: REG. USP Advanced Studies Development of Knowledge 3 credits

Course. *Prerequisite: two college-level literature courses. Credit will be granted for only one of the following: ENGL 320 and ENGL 420 or ENGL 320 and ENGL 421.*
0101 (20906) MWF..... 2:00pm- 2:50pm (SCP 2122) Howard, J.

ENGL362 Caribbean Literature in English; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 (20916) TuTh..... 9:30am-10:45am (SCP 1103) Meehan, K.
0102 (20917) TuTh.....12:30pm- 1:45pm (SCP 1101) Meehan, K.

ENGL373 (PermReq) Honors Thesis; Grade Method: REG/P-F/AUD. *Prerequisite: candidacy for honors in English.* — 3 credits
0101 (20927) Tu..... 3:30pm- 6:00pm (SCP 1121) Auchard, J.

ENGL377 Medieval Myth and Modern Narrative; Grade Method: REG/P-F/AUD. *Not open to students who have completed ENGL 361. Formerly ENGL 361.* — 3 credits
0101 (20937) MWF.....10:00am-10:50am (SCP 1107) Flieger, V.

ENGL378 (PermReq) Independent Research in English; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENGL378A Special Topics in Literature: The Drug Experience; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21020) MWF.....11:00am-11:50am (SCP 1103) Isaacs, N.

ENGL378B Special Topics in Literature: The Blues and African-American Folksong; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21030) MWF..... 2:00pm- 2:50pm (SCP 2117) Pearson, B.

ENGL378E Special Topics in Literature: Film Analysis - The Rhetoric of Fictional Worlds; Grade Method: REG. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. Prerequisite: two literature courses. — 3 credits
0101 (21040) M..... 6:30pm-10:00pm (SCP 1120) Miller, J.
0201 (21041) W..... 6:30pm-10:00pm (SCP 1120) Miller, J.

ENGL378W Special Topics in Literature: Film as Detection/The Detective Film; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21051) Tu..... 6:30pm-10:00pm (SCP 1120) Miller, J.

ENGL380 (PermReq) Internship; Grade Method: REG. *Prerequisite: permission of department.* — 3-6 credits
0101 (21072) Time and room to be arranged DiPaolo, T.
0301 (21073) Tu..... 2:00pm- 4:30pm (TWS 2228) Ryan, L.

ENGL381 (PermReq) MGA Legislative Seminar; Grade Method: REG/P-F/AUD. *Prerequisite: permission of department.* — 3 credits
0101 (21083) Th..... 5:30pm- 6:00pm (KEY 0121) Terchek, M.

ENGL391 Advanced Composition; Grade Method: REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* Before choosing a regular section of ENGL 391, students should check to see whether they are interested in a special version of this course by reading through those sections identified with a suffix A-Z to see if any apply to them. This course satisfies the junior English requirement. — 3 credits
0001 (21093) MWF..... 8:00am- 8:50am (ARM 0102) STAFF
0103 (21094) MWF..... 9:00am- 9:50am (KEY 0121) STAFF
0104 (21095) MWF..... 9:00am- 9:50am (SCP 2119) STAFF
0201 (21096) MWF.....10:00am-10:50am (SCP 1111) STAFF
0202 (21097) MWF.....10:00am-10:50am (WDS 1131) STAFF
0301 (21098) MWF.....11:00am-11:50am (HZF 1102) STAFF
0302 (21099) MWF.....11:00am-11:50am (KEY 0124) STAFF
0401 (21100) MWF.....12:00pm-12:50pm (SCP 1103) STAFF
0403 (21101) MWF.....12:00pm-12:50pm (SCP 1111) STAFF
0501 (21102) MWF..... 1:00pm- 1:50pm (KEY 0119) STAFF
0502 (21103) MWF..... 1:00pm- 1:50pm (KEY 0121) STAFF
0601 (21104) MWF..... 2:00pm- 2:50pm (SCP 2119) STAFF
1002 (21105) TuTh..... 8:00am- 9:15am (TWS 2250) STAFF
1101 (21106) TuTh..... 9:30am-10:45am (JMZ 2117) STAFF
1103 (21107) TuTh..... 9:30am-10:45am (ARM 0103) STAFF
1201 (21108) TuTh.....11:00am-12:15pm (ZOP 1234) STAFF
1202 (21109) TuTh.....11:00am-12:15pm (KEY 0119) STAFF
1204 (21110) TuTh.....11:00am-12:15pm (ARM 0121) STAFF
1301 (21111) TuTh.....12:30pm- 1:45pm (KEY 0123) STAFF
1302 (21112) TuTh.....12:30pm- 1:45pm (WDS 1127) STAFF
1304 (21113) TuTh.....12:30pm- 1:45pm (ARC 1105) STAFF
1401 (21114) TuTh..... 2:00pm- 3:15pm (JMZ 0122) STAFF
1604 (21115) W..... 6:00pm- 8:40pm (SCP 1107) STAFF

ENGL391X Advanced Composition; Grade Method: REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement. — 3 credits
0201 (21125) TuTh.....11:00am-12:15pm (KEY 0121) STAFF

ENGL392 Advanced Composition: Pre-Law; Grade Method: REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement. — 3 credits
0101 (21135) MWF.....11:00am-11:50am (WDS 1131) STAFF
0201 (21136) MWF..... 1:00pm- 1:50pm (KEY 0117) STAFF
0301 (21137) TuTh.....12:30pm- 1:45pm (ARM 0102) STAFF
0501 (21138) TuTh..... 9:30am-10:45am (ARM 0101) STAFF
0601 (21139) W..... 7:00pm- 9:30pm (WDS 1131) STAFF

ENGL393 Technical Writing; Grade Method: REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* Before choosing a regular section of ENGL 393, students should check to see whether they are interested in a special version of this course by reading through those sections identified with a suffix A-Z to see if any apply to them. This course satisfies the junior English requirement. — 3 credits
0002 (21149) MWF..... 8:00am- 8:50am (SCP 1123) STAFF
0101 (21150) MWF..... 9:00am- 9:50am (EGR 3114) STAFF
0103 (21151) MWF..... 9:00am- 9:50am (SCP 2121) STAFF
0201 (21152) MWF.....10:00am-10:50am (EGR 0102) STAFF
0202 (21153) MWF.....10:00am-10:50am (SCP 2121) STAFF
0203 (21154) MWF.....10:00am-10:50am (KEY 0123) STAFF
0301 (21155) MWF.....11:00am-11:50am (ARC 1127) STAFF
0302 (21156) MWF.....11:00am-11:50am (EGR 1102) STAFF
0303 (21157) MWF.....11:00am-11:50am (KEY 0117) STAFF
0401 (21158) MWF.....12:00pm-12:50pm (SCP 1107) STAFF
0402 (21159) MWF.....12:00pm-12:50pm (KEY 0119) STAFF
0403 (21160) MWF.....12:00pm-12:50pm (SCP 2121) STAFF
0501 (21161) MWF..... 1:00pm- 1:50pm (HBK 1116) STAFF
0502 (21162) MWF..... 1:00pm- 1:50pm (EGR 3106) STAFF
0601 (21163) MWF..... 2:00pm- 2:50pm (SCP 1105) STAFF
1001 (21164) TuTh..... 8:00am- 9:15am (HBK 1108) STAFF
1101 (21165) TuTh..... 9:30am-10:45am (HBK 0125) STAFF
1102 (21166) TuTh..... 9:30am-10:45am (WDS 1131) STAFF
1103 (21167) TuTh..... 9:30am-10:45am (HZF 1101) STAFF
1104 (21168) TuTh..... 9:30am-10:45am (KEY 0117) STAFF
1201 (21169) TuTh.....11:00am-12:15pm (KEY 0120) STAFF
1202 (21170) TuTh.....11:00am-12:15pm (ARM 0102) STAFF
1203 (21171) TuTh.....11:00am-12:15pm (EDU 2101) STAFF
1204 (21172) TuTh.....11:00am-12:15pm (EGR 1124) STAFF
1301 (21173) TuTh.....12:30pm- 1:45pm (HBK 0125) STAFF
1302 (21174) TuTh.....12:30pm- 1:45pm (KEY 0121) STAFF
1303 (21175) TuTh.....12:30pm- 1:45pm (ARM 0105) STAFF
1304 (21176) TuTh.....12:30pm- 1:45pm (KEY 0120) STAFF
1401 (21177) TuTh..... 2:00pm- 3:15pm (WDS 1131) STAFF
1402 (21178) TuTh..... 2:00pm- 3:15pm (KEY 0123) STAFF
1602 (21179) M..... 6:00pm- 8:40pm (SCP 2117) STAFF
1603 (21180) M..... 6:00pm- 8:40pm (SCP 1103) STAFF
1604 (21181) Tu..... 6:00pm- 8:40pm (SCP 2120) STAFF
1605 (21182) Tu..... 6:00pm- 8:40pm (SCP 2121) STAFF
1607 (21183) W..... 6:00pm- 8:40pm (SCP 1111) STAFF
1608 (21184) Th..... 6:00pm- 8:40pm (SCP 1103) STAFF

ENGL393X Technical Writing; Grade Method: REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* For students for whom English is a second language. This course satisfies the junior English requirement. — 3 credits
0101 (21194) MWF.....11:00am-11:50am (LEF 1210) STAFF
0201 (21195) MWF..... 1:00pm- 1:50pm (KEY 0120) STAFF
0302 (21196) TuTh..... 9:30am-10:45am (TYD 0111) STAFF
0401 (21197) TuTh.....11:00am-12:15pm (GEO 1120) STAFF
0501 (21198) TuTh.....12:30pm- 1:45pm (JMZ 1104) STAFF

ENGL394 Business Writing; Grade Method: REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement. — 3 credits
0101 (21208) MWF..... 9:00am- 9:50am (SCP 1111) STAFF
0201 (21209) MWF.....10:00am-10:50am (SCP 2119) STAFF
0301 (21210) MWF.....11:00am-11:50am (KEY 0121) STAFF
0302 (21211) MWF.....11:00am-11:50am (HBK 0117) STAFF
0401 (21212) MWF.....12:00pm-12:50pm (SCP 2122) STAFF
0501 (21213) MWF..... 1:00pm- 1:50pm (SCP 1111) STAFF
0601 (21214) MWF..... 2:00pm- 2:50pm (SCP 1103) STAFF
0701 (21215) TuTh..... 9:30am-10:45am (HBK 1112) STAFF
0702 (21216) TuTh..... 9:30am-10:45am (HBK 0117) STAFF
0801 (21217) TuTh.....11:00am-12:15pm (SCP 2119) STAFF
0802 (21218) TuTh.....11:00am-12:15pm (HBK 0117) STAFF
0901 (21219) TuTh.....12:30pm- 1:45pm (HBK 1108) STAFF
0902 (21220) TuTh.....12:30pm- 1:45pm (TYD 2100) STAFF
1001 (21221) TuTh..... 2:00pm- 3:15pm (ZOP 1228) STAFF
1201 (21222) Tu..... 6:00pm- 8:45pm (SCP 1107) STAFF
1301 (21223) W..... 6:00pm- 8:45pm (SCP 1103) STAFF

ENGL395 Technical Writing: Pre-Medical; Grade Method: REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement. — 3 credits
0101 (21233) TuTh.....12:30pm- 1:45pm (TWS 2228) STAFF
0201 (21234) MWF..... 1:00pm- 1:50pm (SCP 2119) STAFF

ENGL396 (PermReq) Intermediate Fiction Workshop; Grade Method: REG/P-F/AUD. *Prerequisite: permission of department.* — 3 credits
0101 (21244) MW..... 2:00pm- 3:15pm (SCP 1111) STAFF

ENGL397 (PermReq) Intermediate Poetry Workshop; Grade Method: REG/P-F/AUD. *Prerequisite: permission of department.* — 3 credits
0101 (21254) TuTh.....12:30pm- 1:45pm (LEF 1210) Levin, P.

ENGL399A (PermReq) Senior Seminar: Magical Realism; Grade Method: REG. — 3 credits
0101 (21264) TuTh.....12:30pm- 1:45pm (SCP 3105) Kornblatt, J.

ENGL399B (PermReq) Senior Seminar: Shakespeare in the Context of Renaissance Women Writers; Grade Method: REG. — 3 credits
0101 (21274) MW..... 2:00pm- 3:15pm (SCP 4116) Donawerth, J.

ENGL399C (PermReq) Senior Seminar: The American 1890's; Grade Method: REG. — 3 credits
0101 (21284) MW..... 2:00pm- 3:15pm (SCP 3109) Auerbach, J.

ENGL399F (PermReq) Senior Seminar: Women Writers and the American Southwest; Grade Method: REG. — 3 credits
0101 (21294) MW..... 2:00pm- 3:15pm (SCP 3105) Lindemann, M.

ENGL399G (PermReq) Senior Seminar: Literature and Ethics; Grade Method: REG. — 3 credits
0101 (21304) TuTh.....12:30pm- 1:45pm (SCP 3109) Handelman, S.

ENGL399J (PermReq) Senior Seminar: Alternate Worlds: Yeats, Eliot, and Rilke; Grade Method: REG. — 3 credits
0101 (21314) TuTh.....11:00am-12:15pm (SCP 4116) Cross, R.

ENGL399K Senior Seminar: Racial Anger and Black Literary Text; Grade Method: REG. — 3 credits
0101 (21324) TuTh.....11:00am-12:15pm (SCP 3105) Washington, M.

ENGL399X (PermReq) Senior Seminar: Honors Seminar: Shakespeare and Marlowe; Grade Method: REG. For English honors students. — 3 credits
0101 (21334) MW..... 9:30am-10:45am (SCP 3109) Leinwand, T.

ENGL399Y (PermReq) Senior Seminar: Honors Seminar: Ulysses and Its Sources; Grade Method: REG. For English honors students. — 3 credits
0101 (21344) TuTh..... 2:00pm- 3:15pm (SCP 3109) Holton, W.

ENGL402 Chaucer; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21354) TuTh.....12:30pm- 1:45pm (SCP 2122) Moser, T.

ENGL403 Shakespeare; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21364) MWF..... 1:00pm- 1:50pm (SCP 1107) Barry, J.
0201 (21365) MWF.....11:00am-11:50am (SCP 2121) Cartwright, K.
0301 (21366) MWF.....10:00am-10:50am (SCP 2120) Coogan, R.

ENGL404 Shakespeare; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21376) MWF..... 1:00pm- 1:50pm (SCP 1103) Trousdale, M.
0201 (21377) MWF..... 9:00am- 9:50am (SCP 2122) Mack, M.
0301 (21378) TuTh.....11:00am-12:15pm (SCP 1101) Olmert, M.
0401 (21379) MWF.....11:00am-11:50am (SCP 1121) Leinwand, T.

ENGL408 Literature by Women Before 1800: Writing into Print; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21389) MWF.....10:00am-10:50am (KEY 0126) Donawerth, J.

ENGL412 Literature of the Seventeenth Century, 1680-1700; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. *Prerequisite: two literature courses.* — 3 credits
0101 (21399) TuTh.....12:30pm- 1:45pm (SCP 1121) Hamilton, G.

ENGL414 Milton; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21409) TuTh..... 2:00pm- 3:15pm (SCP 1103) Hamilton, G.

ENGL418A Major British Writers: Conrad and Ford; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21419) TuTh.....12:30pm- 1:45pm (SCP 1117) Kleine, D.

ENGL424 Late Victorian and Edwardian Literature; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21429) MWF..... 2:00pm- 2:50pm (SCP 1101) Cate, G.

ENGL425 Modern British Literature; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21439) TuTh..... 9:30am-10:45am (SCP 2122) Cross, R.

ENGL432 American Literature, 1865 to 1914, Realism and Naturalism; Grade Method: REG. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: two literature courses.* — 3 credits
0101 (21449) MWF..... 1:00pm- 1:50pm (SCP 2120) Caramello, C.
0201 (21450) MWF.....11:00am-11:50am (SCP 2122) Caramello, C.

ENGL433 American Literature, 1914 to the Present, the Modern Period; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21460) MWF..... 1:00pm- 1:50pm (SCP 1121) Van Egmond, P.

ENGL434 American Drama; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21478) TuTh..... 9:30am-10:45am (SCP 1121) Robinson, J.

ENGL435 American Poetry: Beginning to the Present; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21480) MWF.....10:00am-10:50am (SCP 1101) Van Egmond, P.

ENGL437 Contemporary American Literature; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21490) TuTh.....11:00am-12:15pm (WDS 1130) Wyatt, D.

ENGL439A Major American Writers After 1865: O'Neill, Miller, and Shepard; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21500) TuTh.....12:30pm- 1:45pm (SCP 1103) Robinson, J.

ENGL439B Major American Writers After 1865: Hemingway and Fitzgerald; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21510) TuTh.....11:00am-12:15pm (TWS 0138) Bryer, J.

ENGL440 The Novel in America to 1910; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 (21520) TuTh.....12:30pm- 1:45pm (SCP 1107) Auchard, J.

ENGL441 The Novel in America Since 1910; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21530) TuTh.....11:00am-12:15pm (SCP 2117) Lawson, L.

ENGL442 Literature of the South; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21540) TuTh..... 2:00pm- 3:15pm (SCP 2120) Lawson, L.

ENGL445 Modern British and American Poetry; Grade Method: REG/P-F/AUD. *Prerequisite: permission of department required for students with credit in ENGL 345.* — 3 credits
0101 (21550) TuTh.....11:00am-12:15pm (LEF 1201) Holton, W.

ENGL452 English Drama From 1660 to 1800; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21560) MWF.....11:00am-11:50am (SCP 1105) Winton, C.

ENGL453 Literary Criticism; Grade Method: REG. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: two literature courses.* — 3 credits
0101 (21570) MWF.....11:00am-11:50am (SCP 2117) Barry, J.

ENGL454 Modern Drama; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21580) TuTh.....11:00am-12:15pm (SCP 1107) STAFF

ENGL456 The English Novel; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21590) MWF..... 2:00pm- 2:50pm (SCP 1123) STAFF

ENGL457 The Modern Novel; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21600) TuTh.....12:30pm- 1:45pm (SCP 2117) Russell, J.

ENGL464 African-American Folklore and Culture; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21610) TuTh..... 2:00pm- 3:15pm (SCP 1107) Fry, G.

ENGL466 Arthurian Legend; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21620) TuTh..... 2:00pm- 3:15pm (SCP 1101) Herman, H.

ENGL470 African-American Literature: The Beginning to 1910; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21630) TuTh.....11:00am-12:15pm (SCP 1105) Peterson, C.

ENGL471 African-American Literature: 1910-1945; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21640) MWF..... 1:00pm- 1:50pm (SCP 1119) Upton, E.

ENGL477 Studies in Mythmaking; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: two literature courses.* — 3 credits
0101 (21650) MWF.....11:00am-11:50am (SCP 1107) Upton, E.

ENGL478H (PermReq) Selected Topics in English and American Literature Before 1800: Honors Seminar Program: The Bible as Myth and as Text; Grade Method: REG. For English honors students. — 3 credits
0101 (21660) MWF..... 1:00pm- 1:50pm (SCP 2121) Flieger, V.

ENGL478C Selected Topics in English and American Literature After 1800: Commonwealth Literature; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21670) TuTh..... 2:00pm- 3:15pm (SCP 2122) Russell, J.

ENGL478D Selected Topics in English and American Literature After 1800: Three Filmmakers: Spielberg, Kubrick, and Scorcese; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21680) Tu..... 9:30am-12:00pm (SCP 1119) Kolker, R.
Th..... 9:30am-11:30am (SCP 1119)

ENGL478E Selected Topics in English and American Literature After 1800: Literature and Film as Weapons; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21690) Tu..... 2:00pm- 5:00pm (SCP 2121) Fuegi, J.

ENGL478R Selected Topics in English and American Literature After 1800: Readers, Writers, and Rhetorics; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 (21700) TuTh.....12:30pm- 1:45pm (SCP 1105) Shapiro, N.

ENGL482 History of the English Language; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21710) MWF.....11:00am-11:50am (SCP 1117) Coleman, L.

ENGL486 Introduction to Old English; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21720) MWF.....10:00am-10:50am (SCP 1123) Rutherford, C.

ENGL487 Foundations of Rhetoric; Grade Method: REG/P-F/AUD. *Credit will be granted for only one of the following: ENGL 487 or SPCH 401.* — 3 credits
0101 (21730) TuTh.....11:00am-12:15pm (SCP 2122) Logan, S.

ENGL488C Topics in Advanced Writing: Writing Classic Prose; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21740) TuTh..... 9:30am-10:45am (SCP 2120) Turner, M.

ENGL488D Topics in Advanced Writing: Reading and Writing Autobiography; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21750) TuTh..... 2:00pm- 3:15pm (SCP 1123) Schilb, J.

ENGL489B Special Topics in English Language: Gender and the History of Rhetorical Theory; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21760) MWF.....11:00am-11:50am (SCP 1111) Donawerth, J.

ENGL493 Advanced Expository Writing; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21770) TuTh..... 9:30am-10:45am (SCP 1123) STAFF

ENGL494 Editing and Document Design; Grade Method: REG. *Prerequisite: ENGL 391, ENGL 393 or equivalent. For ENGL majors only.* — 3 credits
0101 (21780) TuTh.....11:00am-12:15pm (SCP 1123) Shapiro, N.
0201 (21781) TuTh..... 2:00pm- 3:15pm (SCP 2119) Hendrickson, A.

ENGL498 (PermReq) Advanced Fiction Workshop: Advanced Fiction Workshop; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21791) Th..... 2:00pm- 4:30pm (SCP 1119) Kornblatt, J.
0201 (21792) Th..... 2:00pm- 4:30pm (SCP 1105) Norman, H.

ENGL499 (PermReq) Advanced Poetry Workshop: Advanced Poetry Workshop; Grade Method: REG/P-F/AUD. — 3 credits
0101 (21802) Th..... 2:00pm- 4:30pm (SCP 2121) Levin, P.

ENGL501 Literary Research and Critical Contexts; Grade Method: REG/AUD. — 3 credits
0101 (21812) Th..... 5:30pm- 6:00pm (SCP 2117) Handelman, S.
0201 (21813) W..... 5:30pm- 6:00pm (SCP 1123) Ray, S.
0301 (21814) M..... 5:30pm- 6:00pm (SCP 2121) Lindemann, M.
0401 (21815) M..... 6:30pm- 9:00pm (SCP 2119) Smith, M.

ENGL504 Old English; Grade Method: REG/AUD. — 3 credits
0101 (21825) MWF.....10:00am-10:50am (SCP 1123) Rutherford, C.

ENGL511 Approaches to College Composition; Grade Method: REG/AUD. *Required for graduate assistants (optional to other graduate students).* — 3 credits
0201 (21835) Tu..... 5:30pm- 6:00pm (SCP 2119) Fahnestock, J.
0301 (21836) Th..... 5:30pm- 6:00pm (SCP 1121) Fahnestock, J.

ENGL520 Readings in Medieval English Literature; Grade Method: REG/AUD. — 3 credits
0101 (21846) Tu..... 5:30pm- 6:00pm (SCP 1111) Moser, T.

ENGL521 Readings in Renaissance English Literature; Grade Method: REG/AUD. — 3 credits
0101 (21856) Tu..... 6:30pm- 9:00pm (SCP 1111) Hamilton, D.

ENGL523 Readings in Eighteenth-Century English Literature; Grade Method: REG/AUD. — 3 credits
0101 (21866) Tu..... 5:30pm- 6:00pm (SCP 1107) Carretta, V.

ENGL525 Readings in English Victorian Literature; Grade Method: REG/AUD. — 3 credits
0101 (21876) Th..... 5:30pm- 6:00pm (SCP 1111) Peterson, M.

ENGL527 Readings in American Literature, 1865-1914; Grade Method: REG/AUD. — 3 credits
0101 (21886) W..... 6:30pm- 9:00pm (SCP 2119) Auerbach, J.

ENGL530 Readings in 20th Century English Literature; Grade Method: REG/AUD. — 3 credits
0101 (21896) Th..... 5:30pm- 6:00pm (SCP 2119) Kleine, D.

ENGL531 Readings in 20th Century American Literature; Grade Method: REG/AUD. — 3 credits
0101 (21906) Tu..... 5:30pm- 6:00pm (SCP 1117) Washington, M.

ENGL568 (PermReq) Poetry Workshop; Grade Method: REG/AUD. — 3 credits
0101 (21916) W..... 4:00pm- 6:30pm (SCP 3109) Plumly, S.
0201 (21917) W..... 4:00pm- 6:30pm (SCP 3105) Collier, M.

ENGL599 (PermReq) Fiction Workshop; Grade Method: REG/AUD. — 3 credits
0101 (21927) W..... 4:00pm- 6:30pm (SCP 2122) STAFF
0201 (21928) W..... 4:00pm- 6:30pm (SCP 2120) Norman, H.

ENGL699 (PermReq) Independent Study; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENGL719A (PermReq) Seminar in Renaissance Literature: Tudor Drama before Shakespeare; Grade Method: REG/AUD. — 3 credits
0101 (22012) W..... 6:30pm- 9:00pm (SCP 3105) Cartwright, K.

ENGL719B (PermReq) Seminar in Renaissance Literature: Shakespeare: The Poet from Stratford; Grade Method: REG/AUD. — 3 credits
0101 (22022) W..... 3:30pm- 6:00pm (SCP 4116) Trousdale, M.

ENGL729A (PermReq) Seminar in Eighteenth-Century Literature: Women, Romanticism, and Revolution; Grade Method: REG/AUD. — 3 credits
0101 (22032) M..... 3:30pm- 6:00pm (SCP 3105) Lanser, S.

ENGL729B (PermReq) Seminar in Eighteenth-Century Literature: The Eighteenth Century Novel; Grade Method: REG/AUD. — 3 credits

0101 (22042) M..... 6:30pm- 9:00pm (SCP 4116) Carretta, V.

ENGL739A (PermReq) **Seminar in Nineteenth-Century Literature: Underread Masterpieces of Victorian Fiction; Grade Method: REG/AUD.** 3 credits
0101 (22052) M..... 6:30pm- 9:00pm (SCP 3105) Cate, G.

ENGL748A (PermReq) **Seminar in American Literature: The American West; Grade Method: REG/AUD.** 3 credits
0101 (22062) Th..... 3:30pm- 6:00pm (SCP 4116) Wyatt, D.

ENGL748B (PermReq) **Seminar in American Literature: Nineteenth and Twentieth Century African-American Poetry; Grade Method: REG/AUD.** 3 credits
0101 (22072) W..... 3:30pm- 6:00pm (SCP 3105) Upton, E.

ENGL748C (PermReq) **Seminar in American Literature: American Sexual Poetics Revisited; Grade Method: REG/AUD.** 3 credits
0101 (22082) M..... 3:30pm- 6:00pm (SCP 3109) Smith, M.

ENGL749A (PermReq) **Studies in Twentieth-Century Literature: Yeats; Grade Method: REG/AUD.** 3 credits
0101 (22092) Tu..... 3:30pm- 6:00pm (SCP 3105) Loizeaux, E.

ENGL749B **Studies in Twentieth-Century Literature: James Joyce; Grade Method: REG/AUD.** 3 credits
0101 (22102) Tu..... 3:30pm- 6:00pm (SCP 3109) Holton, W.

ENGL758A (PermReq) **Literary Criticism and Theory: Before and After Writing; Grade Method: REG/AUD.** 3 credits
0101 (22112) W..... 3:30pm- 6:00pm (SCP 1105) Fuegi, J.

ENGL759 (PermReq) **Seminar in Literature and the Other Arts: Transgression in Film and Fiction; Grade Method: REG/AUD.** 3 credits
0101 (22122) M..... 3:30pm- 6:00pm (SCP 4116) Kauffman, L.

ENGL788 (PermReq) **Studies in Drama: Major Trends in Modern American Drama; Grade Method: REG/AUD.** 3 credits
0101 (22132) Tu..... 6:30pm- 9:00pm (SCP 4116) Bryer, J.

ENGL789A (PermReq) **Studies in Fiction: Woman, Nation, Novel; Grade Method: REG/AUD.** 3 credits
0101 (22142) Tu..... 3:30pm- 6:00pm (SCP 1119) Peterson, C.

ENGL778 (PermReq) **Seminar in Folklore: African-American Folklore and Literature; Grade Method: REG/AUD.** 3 credits
0101 (22152) M..... 6:30pm- 9:00pm (SCP 3109) Pearson, B.

ENGL799 **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-6 credits

ENGL899 **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-8 credits

ENMA Engineering, Materials (Engineering)

ENMA300 **Materials Science and Engineering; Grade Method: REG.** *Prerequisite: ENES 220. Credit will be granted for only one of the following: ENMA 300 or ENME 300.* 3 credits
0101 (22365) Time and room to be arranged Lab Wuttig, M.

ENMA301 **Materials Engineering Laboratory; Grade Method: REG/P-F/AUD.** *Pre- or corequisite: ENMA 300. Credit will be granted for only one of the following: ENMA 301 or ENME 301.* 1 credit
0101 (22375) Time and room to be arranged Wuttig, M.

ENMA462 (PermReq) **Deformation of Engineering Materials; Grade Method: REG/P-F/AUD.** *Prerequisite: ENES 230 or permission of both department and instructor.* 3 credits
0101 (22386) MW..... 2:00pm- 3:15pm (ITV 1111) Ankem, S.

ENMA470 (PermReq) **Structure and Properties of Engineering Materials; Grade Method: REG/P-F/AUD.** Instructors are R. Arsenault and I. Lloyd. 3 credits
0101 (22396) TuTh..... 5:00pm- 6:30pm (CHE 2120) Arsenault, R.

ENMA489 **Selected Topics in Engineering Materials: Intermediate Ceramics; Grade Method: REG/P-F/AUD.** 3 credits
0101 (22406) MW..... 3:30pm- 4:45pm (CHE 2136) Lloyd, I.

ENMA650 (PermReq) **Structure of Engineering Materials; Grade Method: REG/AUD.** *Prerequisite: ENMA 470 or equivalent.* 3 credits
0101 (22416) TuTh..... 7:30pm- 8:45pm (CHE 2120) Wuttig, M.

ENMA660 (PermReq) **Chemical Physics of Engineering Materials; Grade Method: REG/AUD.** *Prerequisite: ENMA 650.* 3 credits
0101 (22426) MW..... 5:00pm- 6:30pm (CHE 2120) Roytburd, A.

ENMA697 **Seminar in Engineering Materials: Grade Method: REG/AUD.** 1 credit
0101 (22436) M..... 1:30pm- 3:00pm (CHE 2118) Roytburd, A.

ENMA698 (PermReq) **Special Problems in Engineering Materials; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** 1-16 credits

ENMA698A **Special Problems in Engineering Materials: Determination of Structures of Materials; Grade Method: REG/AUD.** 3 credits
0101 (22454) W..... 4:30pm- 6:30pm (CHE 2118) Salamanca-Riba,
TuTh..... 4:30pm- 6:30pm (MCB 0107H) Lab

ENMA698D **Special Problems in Engineering Materials; Grade Method: REG/AUD.** 3 credits
0101 (22464) TuTh..... 5:00pm- 6:15pm (CHE 2116) Briber, R.

ENMA799 **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-6 credits

ENMA899 **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-8 credits

ENME Engineering, Mechanical (Engineering)

ENME201 (PermReq) **Mechanical Engineering Project; Grade Method: S-F.** 1 credit
0101 (22539) M.....12:00pm-12:50pm (EGR 1106) STAFF
Time and room to be arranged Lab
0201 (22540) M.....12:00pm-12:50pm (EGR 0110) STAFF
Time and room to be arranged Lab
0301 (22541) F.....12:00pm-12:50pm (EGR 0110) STAFF
Time and room to be arranged Lab

ENME205 (PermReq) **Numerical Methods in Mechanical Engineering; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 246 and ENES 103. For engineering majors only.* 3 credits
0101 (22551) MWF..... 9:00am- 9:50am (EGR 1202) STAFF

ENME217 (PermReq) **Thermodynamics; Grade Method: REG/P-F/AUD.** *Prerequisites: PHYS 262; and MATH 141.* 3 credits
0101 (22561) MW.....10:00am-10:50am (EGR 1202) STAFF
M..... 1:00pm- 3:00pm (EGR 3106) Dis
0102 (22562) MW.....10:00am-10:50am (EGR 1202) STAFF
Tu.....11:00am- 1:00pm (EGR 1106) Dis
0103 (22563) MW.....10:00am-10:50am (EGR 1202) STAFF
W..... 1:00pm- 3:00pm (EGR 3106) Dis
0104 (22564) MW.....10:00am-10:50am (EGR 1202) STAFF
Th.....11:00am- 1:00pm (EGR 2112) Dis

ENME310 (PermReq) **Mechanics of Deformable Solids; Grade Method: REG/P-F/AUD.** *Prerequisites: ENES 220 and ENME 205. For engineering majors only.* 3 credits
0101 (22574) MWF..... 9:00am- 9:50am (EGR 1108) STAFF
0201 (22575) MWF.....10:00am-10:50am (EGR 1126) STAFF

ENME311 (PermReq) **Mechanics of Deformable Solids Laboratory; Grade Method: REG/P-F/AUD.** *Corequisite: ENME 310.* 1 credit
0101 (22585) W.....12:00pm-12:50pm (CHE 2108) STAFF
M..... 1:00pm- 3:00pm (EGR 0126) Lab
0102 (22586) W.....12:00pm-12:50pm (CHE 2108) STAFF
Tu..... 1:00pm- 3:00pm (EGR 0126) Lab
0103 (22587) M.....12:00pm-12:50pm (CHE 2108) STAFF
W..... 1:00pm- 3:00pm (EGR 0126) Lab
0104 (22588) M.....12:00pm-12:50pm (CHE 2108) STAFF
Th..... 1:00pm- 3:00pm (EGR 0126) Lab
0105 (22589) W.....12:00pm-12:50pm (CHE 2108) STAFF
F..... 1:00pm- 3:00pm (EGR 0126) Lab

ENME315 (PermReq) **Intermediate Thermodynamics; Grade Method: REG/P-F/AUD.** *Prerequisite: ENME 217.* 3 credits
0101 (22599) MWF..... 9:00am- 9:50am (EGR 2154) STAFF
0201 (22600) MWF.....10:00am-10:50am (EGR 2154) STAFF
0301 (22601) MWF.....11:00am-11:50am (EGR 1104) STAFF

ENME320 **Thermodynamics; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 141; and PHYS 262.* 3 credits
0101 (22611) MWF..... 9:00am- 9:50am (EGR 0108) STAFF
0201 (22612) MWF.....10:00am-10:50am (EGR 3110) STAFF

ENME321 (PermReq) **Transfer Processes; Grade Method: REG/P-F/AUD.** *Prerequisites: ENME 205 and ENME 342.* 3 credits
0101 (22622) TuTh..... 9:30am-10:45am (EGR 3106) STAFF
0201 (22623) MWF.....11:00am-11:50am (EGR 3110) STAFF

ENME342 (PermReq) **Fluid Mechanics I; Grade Method: REG/P-F/AUD.** *Prerequisite: ENME 217.* 3 credits
0101 (22633) TuTh..... 9:30am-10:45am (EGR 1108) STAFF
0201 (22634) TuTh.....11:00am-12:15pm (CHE 2136) STAFF
0301 (22635) TuTh..... 9:30am-10:45am (EGR 3110) STAFF

ENME343 (PermReq) **Fluid Mechanics Laboratory; Grade Method: REG/P-F/AUD.** *Corequisite: ENME 342.* 1 credit
0101 (22645) M.....12:00pm-12:50pm (EGR 1202) STAFF
M..... 1:00pm- 3:00pm (EGL B0110) Lab
0102 (22646) M.....12:00pm-12:50pm (EGR 1202) STAFF
Tu..... 1:00pm- 3:00pm (EGL B0110) Lab
0103 (22647) M.....12:00pm-12:50pm (EGR 1202) STAFF
W..... 1:00pm- 3:00pm (EGL B0110) Lab
0104 (22648) M.....12:00pm-12:50pm (EGR 1202) STAFF
Th..... 1:00pm- 3:00pm (EGL B0110) Lab
0105 (22649) M.....12:00pm-12:50pm (EGR 1202) STAFF
F..... 1:00pm- 3:00pm (EGL B0110) Lab

ENME380 (PermReq) **Mechanical Vibrations; Grade Method: REG/P-F/AUD.** *Prerequisites: ENES 220 and ENES 221 and ENME 205.* 3 credits
0101 (22659) TuTh..... 9:30am-10:45am (EGR 1104) STAFF
0201 (22660) TuTh.....11:00am-12:15pm (EGR 1104) STAFF

ENME381 (PermReq) **Measurements Laboratory; Grade Method: REG/P-F/AUD.** *Prerequisites: ENME 380, and ENEE 300.* 3 credits
0101 (22670) TuTh.....11:00am-11:50am (EGR 1202) STAFF
M.....12:30pm- 3:30pm (EGL 1187) Lab
0102 (22671) TuTh.....11:00am-11:50am (EGR 1202) STAFF
Tu.....12:30pm- 3:30pm (EGL 1187) Lab
0103 (22672) TuTh.....11:00am-11:50am (EGR 1202) STAFF
W.....12:30pm- 3:30pm (EGL 1187) Lab
0104 (22673) TuTh.....11:00am-11:50am (EGR 1202) STAFF
Th.....12:30pm- 3:30pm (EGL 1187) Lab
0105 (22674) TuTh.....11:00am-11:50am (EGR 1202) STAFF
F.....12:30pm- 3:30pm (EGL 1187) Lab

ENME400 (PermReq) **Machine Design; Grade Method: REG/P-F/AUD.** *Prerequisites: ENME 310, and ENME 360. Corequisite: ENME 401.* 3 credits
0101 (22684) TuTh..... 9:30am-10:45am (EGR 0110) STAFF

ENME401 (PermReq) **The Structure and Properties of Engineering Materials; Grade Method: REG/P-F/AUD.** *Corequisite: ENME 310.* 3 credits
0101 (22694) MWF.....10:00am-10:50am (EGR 1104) STAFF
0201 (22695) MWF.....11:00am-11:50am (CHE 2110) STAFF

ENME403 (PermReq) **Automatic Controls; Grade Method: REG/P-F/AUD.** *Prerequisites: ENEE 300, and ENME 360. Senior standing.* 3 credits
0101 (22705) MWF..... 9:00am- 9:50am (EGR 0110) STAFF
0201 (22706) MWF.....10:00am-10:50am (EGR 0110) STAFF

ENME404 (PermReq) **Mechanical Engineering Systems Design; Grade Method: REG/P-F/AUD. CORE Capstone Course.** *Prerequisite: senior standing in mechanical engineering. Limited to December graduates.* 3 credits
0101 (22716) TuTh.....11:00am-11:50am (CHE 2108) STAFF
Tu.....12:30pm- 3:30pm (CHE 2108) Dis

ENME405 (PermReq) **Energy Conversion Design; Grade Method: REG/P-F/AUD.** *Prerequisite: senior standing in mechanical engineering.* 3 credits
0201 (22726) MWF.....12:00pm-12:50pm (EGR 2154) STAFF

ENME408 (PermReq) **Selected Topics in Engineering Design; Grade Method: REG/P-F/AUD.** 3 credits
0101 (22736) MW..... 3:30pm- 4:45pm (EGR 3106) STAFF

ENME414 (PermReq) **Computer-Aided Design; Grade Method: REG/P-F/AUD.** *Prerequisites: ENME 205, and MATH 241 or equivalent. Design technical elective.* 3 credits
0101 (22746) MWF.....11:00am-11:50am (EGR 2154) STAFF

ENME423 (PermReq) **Environmental Engineering; Grade Method: REG/P-F/AUD.** *Prerequisites: ENME 321 and senior standing in mechanical engineering.* 3 credits
0101 (22756) MWF..... 9:00am- 9:50am (EGR 1120) STAFF

ENME470 (PermReq) **Finite Element Analysis; Grade Method: REG/P-F/AUD.** *Prerequisites: ENME 310, and ENME 321.* 3 credits
0101 (22766) TuTh..... 8:00am- 9:15am (CHE 2110) STAFF

ENME475 (PermReq) **Robotics; Grade Method: REG/P-F/AUD.** *Prerequisites: ENME 360, and ENEE 300. Design technical elective.* 3 credits
0101 (22776) TuTh..... 3:30pm- 4:45pm (EGR 3110) STAFF

ENME480 (PermReq) **Engineering Experimentation; Grade Method: REG/P-F/AUD.** *Senior standing in mechanical engineering. Limited to December graduates.* 3 credits
0101 (22786) M..... 1:00pm- 1:50pm (EGR 1202) STAFF
WF..... 1:00pm- 3:30pm (EGR 1202) Lab

ENME488 (PermReq) **Special Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to mechanical engineering seniors.** 3 credits

ENME489 (PermReq) **Special Topics in Mechanical Engineering; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** 3 credits

ENME489A (PermReq) **Special Topics in Mechanical Engineering: Walking Robot; Grade Method: REG.** 3 credits
0101 (22929) MW..... 3:30pm- 4:30pm (EGR 0108) STAFF
MW..... 4:30pm- 5:30pm (EGR 0108) Lab

ENME489E **Special Topics in Mechanical Engineering: Model Building Through Design of Experiments; Grade Method: REG/P-F/AUD.** 3 credits
0101 (22939) MWF.....10:00am-10:50am (EGR 1120) STAFF

ENME802 **Computer-Aided Design; Grade Method: REG/AUD.** 3 credits
0101 (22949) TuTh..... 3:30pm- 4:45pm (EGR 1102) Barker, D.

ENME805 **Advanced Systems Control; Grade Method: REG/AUD.** *Prerequisite: ENME 403 or permission of instructor.* 3 credits
0101 (22959) MW..... 5:00pm- 6:15pm (EGR 2107) Minis, I.

ENME810 (PermReq) **Engineering Optimization I; Grade Method: REG/AUD.** *Prerequisite: permission of instructor.* 3 credits
0101 (22969) MW..... 6:30pm- 7:45pm (EGR 1126) Azarm, S.

ENME814 **Advanced Production Control Techniques; Grade Method: REG/AUD.** *Prerequisite: ENME 411 or permission of instructor.* 3 credits
0101 (22979) MW..... 3:30pm- 4:45pm (EGR 1120) Harhalakis, G.

ENME831 **Advanced Conduction and Radiation Heat Transfer; Grade Method: REG/AUD.** *Prerequisites: ENME 315, and ENME 321; and ENME 700 or equivalent or permission of instructor.* 3 credits
0101 (22989) MW..... 3:30pm- 4:45pm (EGR 2112) Herold, K.

ENME833 **Advanced Classical Thermodynamics; Grade Method: REG/AUD.** *Prerequisites: ENME 315, or equivalent or permission of instructor.* 3 credits
0101 (22999) TuTh..... 5:00pm- 6:15pm (EGR 1126) Ohadi, M.

ENME840 **Fundamentals of Fluid Mechanics; Grade Method: REG/AUD.** *Prerequisite: ENME 700 or equivalent or permission of instructor. Formerly ENME 651.* 3 credits
0101 (23009) MW..... 5:00pm- 6:15pm (EGR 1126) Piomelli, U.

ENME842 **Hydrodynamics I; Grade Method: REG/AUD.** *Prerequisite: ENME 640 or equivalent or permission of instructor. Formerly ENME 653.* 3 credits
0101 (23019) TuTh..... 3:30pm- 4:45pm (EGR 2112) Duncan, J.

ENME857 **Analysis of Turbulent Flow; Grade Method: REG/AUD.** *Prerequisites: ENME 640; and ENME 641 or equivalent or permission of instructor.* 3 credits
0101 (23029) MW..... 5:00pm- 6:15pm (EGR 0110) Bernard, P.

ENME885 **Advanced Topics in Vibrations; Grade Method: REG/AUD.** *Prerequisite: ENME 662.* 3 credits
0101 (23039) TuTh..... 8:00am- 9:15am (EGR 1104) Cunniff, P.

ENME877 **Applied Elasticity; Grade Method: REG/AUD.** *Prerequisite: MATH 462 or equivalent.* 3 credits
0101 (23049) MW..... 5:00pm- 6:15pm (ITV 1111) Sanford, R.

ENME700 **Advanced Mechanical Engineering Analysis I; Grade Method: REG/AUD.** 3 credits
0101 (23059) TuTh..... 6:30pm- 7:45pm (EGR 2107) Marasli, B.

ENME788 **Seminar: Mechanical Engineering Seminar; Grade Method: REG/AUD.** 1 credit
0101 (23069) Time and room to be arranged STAFF

ENME799 **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-6 credits

ENME808 (PermReq) **Advanced Topics in Mechanical Engineering; Grade Method: REG/AUD.** 3 credits
0101 (23149) Time and room to be arranged STAFF

ENME808A **Advanced Topics in Mechanical Engineering: Systematic Design of Mechanisms; Grade Method: REG/AUD.** 3 credits
0101 (23159) TuTh..... 5:00pm- 6:15pm (EGR 2107) Tsai, L.

ENME808M **Advanced Topics in Mechanical Engineering: Design for Manufacture; Grade Method: REG/AUD.** 3 credits
0101 (23169) MW..... 3:30pm- 4:45pm (EGR 1102) Magrab, E.

ENME808S **Advanced Topics in Mechanical Engineering: Composite Materials; Grade Method: REG/AUD.** 3 credits
0101 (23179) MW..... 3:30pm- 4:45pm (EGR 0110) Dasgupta, A.

ENME808Z **Advanced Topics in Mechanical Engineering: Manufacturing with Polymers; Grade Method: REG/AUD.** 3 credits
0101 (23189) TuTh..... 3:30pm- 4:45pm (EGR 0104) Bigio, D.

ENME899 **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-8 credits

ENNU Engineering, Nuclear (Engineering)

ENNU310 (PermReq) **Environmental Aspects of Nuclear Engineering; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH, 241 or MATH 246, and PHYS 263 or permission of both department and instructor.* 3 credits
0101 (23318) TuTh..... 9:30am-10:45am (CHE 2108) Duffey, D.

ENNU430 (PermReq) **Radioisotope Power Sources; Grade Method: REG/P-F/AUD.** *Prerequisite: ENNU 215 or permission of both department and instructor.* Offered fall only. 3 credits
0101 (23328) M..... 6:30pm- 9:30pm (CHE 2118) Duffey, D.

ENNU440 (PermReq) **Nuclear Technology Laboratory; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 240, and PHYS 263.* Offered fall only. 3 credits
0101 (23338) Tu..... 1:00pm- 3:00pm (CHE 2140) Partmer, G.
Th..... 1:00pm- 5:00pm (CHE 1308) Lab
Th..... 1:00pm- 5:00pm (CHE 2302) Dis

ENNU450 (PermReq) **Nuclear Reactor Engineering I; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 246, and PHYS 263 or permission of both department and instructor.* Offered fall only. 3 credits
0101 (23348) TuTh..... 5:00pm- 6:15pm (CHE 2145) Lee, R.

ENNU461 (PermReq) **Chemical Separation in the Nuclear Cycle Reactor Fuel; Grade Method: REG/P-F/AUD.** *Prerequisite: ENNU 450 or permission of both department and instructor.* Offered fall only. 3 credits
0101 (23358) MWF.....10:00am-10:50am (CHE 2140) Duffey, D.

ENNU468 (PermReq) **Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** 2-3 credits

ENNU480 (PermReq) **Reactor Core Design; Grade Method: REG/P-F/AUD.** *Prerequisite: ENNU 450 or permission of both department and instructor.* Offered fall only. 3 credits
0101 (23377) TuTh.....11:00am-12:15pm (CHE 2116) Almenas, K.

ENNU809 **Seminar in Nuclear Engineering; Grade Method: REG/AUD.** 1 credit
0101 (23387) Tu.....11:00am-11:50am (CHE 2145) Mosleh, A.

ENNU820 **Methods of Engineering Analysis; Grade Method: REG/AUD.** *Also offered as ENRE 620.* Offered fall only. 3 credits
0101 (23397) Th..... 6:30pm- 9:15pm (CHE 2108) Partmer, G.

ENNU840 **Nuclear Reactor Physics II; Grade Method: REG/AUD.** *Prerequisite: ENCH 320.* Offered fall only. 3 credits
0101 (23407) M..... 6:45pm- 9:30pm (CHE 2118) Munno, F.

ENNU848 **Special Problems in Nuclear Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** 1-16 credits

ENNU848A **Special Problems in Nuclear Engineering: Principles of Nuclear Reactor Engineering; Grade Method: REG/AUD.** For students without undergraduate nuclear engineering degree. Offered fall only. 3 credits
0101 (23426) MW..... 5:15pm- 6:30pm (CHE 2136) Roush, M.

ENNU855 (PermReq) **Radiation Engineering; Grade Method: REG.** *Prerequisite: permission of both department and instructor.* 3 credits
0101 (23436) Time and room to be arranged STAFF

ENNU730 **Radiation Shielding and Energy Deposition; Grade Method: REG/AUD.** *Prerequisite: ENNU 630 or permission of both department and instructor.* Offered fall only. 3 credits
0101 (23446) Time and room to be arranged Almenas, K.

ENNU799 **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-6 credits

ENNU840 **Nuclear Reactor Design; Grade Method: REG/AUD.** *Prerequisite: ENNU 630 or permission of both department and instructor.* Offered fall only. 3 credits
0101 (23464) TuTh..... 5:15pm- 6:30pm (CHE 2136) STAFF

ENNU899 **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-8 credits

ENRE Reliability Engineering (Engineering)

ENRE462 Basic Reliability Engineering; Grade Method: REG/P-F/AUD. *Corequisite: ENRE 470. Senior standing.* Offered fall only. — 3 credits
0101 (25535) M..... 6:30pm-10:00pm (ITV 1100) — Jones, H.

ENRE470 Basic Reliability Analysis; Grade Method: REG/P-F/AUD. *Prerequisite: MATH 246 and PHYS 263 or permission of department. Corequisite: ENRE 462. Senior standing.* Offered fall only. — 3 credits
0101 (25548) W..... 6:30pm-10:00pm (ITV 1100) — Mosleh, A.

ENRE620 Methods of Engineering Analysis; Grade Method: REG/AUD. *Also offered as ENNU 620.* Offered fall only. — 3 credits
0101 (25558) Th..... 6:30pm- 9:10pm (CHE 2140) — Pertmer, G.

ENRE648 Special Problems in Reliability Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENRE648E Special Problems in Reliability Engineering: Maintainability Engineering; Grade Method: REG/AUD. Offered fall only. — 3 credits
0101 (25574) Tu..... 6:30pm- 9:10pm (CHE 2140) — STAFF

ENRE674 Failure Mechanisms and Effects Laboratory; Grade Method: REG/AUD. *Prerequisite: ENRE 462 or permission of instructor.* Offered fall only. — 3 credits
0101 (25584) Tu..... 6:30pm-10:00pm (PHY 4208) — Weiss, D.

ENRE798 Master's Thesis Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENRE899 Doctoral Dissertation Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

ENSE Systems Engineering (Engineering)

ENSE621 Systems Engineering Principles; Grade Method: REG/AUD. *Credit will be granted for only one of the following: ENSE 621 or ENSE 603. Formerly ENSE 603.* — 3 credits
0101 (25655) W..... 7:00pm- 9:40pm (CHE 2136) — STAFF

ENSE623 (PermReq) Trade-Off Analysis; Grade Method: REG/AUD. *Prerequisite: ENSE 621. Credit will be granted for only one of the following: ENSE 623 or ENSE 610. Formerly ENSE 610.* — 3 credits
0101 (25665) M..... 7:00pm- 9:40pm (CHE 2136) — STAFF

ENSE624 Human Factors in Systems Engineering; Grade Method: REG/AUD. *Credit will be granted for only one of the following: ENSE 624 or ENSE 606. Formerly ENSE 606.* — 3 credits
0101 (25675) Th..... 7:00pm- 9:40pm (CHE 2136) — STAFF

ENSE625 Systems Financial and Contract Management; Grade Method: REG/AUD. *Credit will be granted for only one of the following: ENSE 625 or ENSE 612.* — 3 credits
Formerly ENSE 612.
0101 (25685) Time and room to be arranged — STAFF

ENSE798 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENTM Entomology (Life Sciences)

ENTM100 Insects; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. — 3 credits
0101 (25756) TuTh..... 2:00pm- 3:15pm (SYM 0200) — Hellman, J.

ENTM111 Beekeeping; Grade Method: REG/P-F/AUD. — 2 credits
0101 (25766) TuTh..... 8:00am- 9:15am (SYM 1308) — Hellman, J.

ENTM205 Principles of Entomology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. — 4 credits
0101 (25776) TuTh..... 9:30am-10:45am (ARM 0110) — Hellman, J.
Tu..... 11:00am- 1:00pm (SYM 2303) Lab
0102 (25777) TuTh..... 9:30am-10:45am (ARM 0110) — Hellman, J.
Th..... 11:00am- 1:00pm (SYM 2303) Lab

ENTM303 International Pesticide Problems and Solutions; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 (25787) MWF..... 9:00am- 9:50am (SYM 0200) — Bottrell, D.

ENTM398 General Colloquium in Entomology; Grade Method: REG/P-F/AUD. — 1 credit
0101 (25797) M..... 4:00pm- 4:50pm (SYM 0200) — STAFF

ENTM399 (PermReq) Special Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-2 credits

ENTM424 Insect Diversity and Classification; Grade Method: REG/P-F/AUD. *Prerequisites: ENTM 205 and ENTM 423.* — 4 credits
0101 (25821) TuTh..... 2:00pm- 5:00pm (SYM 2303) — Messersmith, D.

ENTM426 Ecology of Aquatic Insects; Grade Method: REG/P-F/AUD. — 3 credits
0101 (25831) MW..... 2:00pm- 2:50pm (SYM 1308) — Lamp, W.
F..... 2:00pm- 5:00pm (SYM 2300) Lab

ENTM453 Insect Pests of Ornamentals and Turf; Grade Method: REG/P-F/AUD. *Prerequisite: ENTM 205 or permission of department.* — 3 credits
0101 (25841) TuTh..... 2:00pm- 2:50pm (SYM 1308) — Davidson, J.
Tu..... 5:00pm- 6:00pm (SYM 2300) Lab

ENTM454 (PermReq) Principles of Plant Protection; Grade Method: REG/P-F/AUD. *Prerequisites: ENTM 205 and permission of department.* — 2 credits
0101 (25851) M..... 3:00pm- 3:50pm (SYM 1308) — Bottrell, D.
W..... 4:00pm- 6:00pm (SYM 2300) Lab

ENTM472 Medical and Veterinary Entomology; Grade Method: REG/P-F/AUD. *Prerequisite: ENTM 205 or permission of department.* — 4 credits
0101 (25861) MWF..... 1:00pm- 1:50pm (SYM 1308) — Armstrong, E.
W..... 2:00pm- 4:00pm (SYM 2300) Lab

ENTM699 (PermReq) Advanced Entomology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENTM788 Entomological Topics: Scientific Illustrations; Grade Method: REG/AUD. — 2 credits
0101 (25885) TuTh..... 4:00pm- 6:00pm (HZF 1106) — Teramura, K.

ENTM788A Entomological Topics: Eukaryote Molecular Genetics; Grade Method: REG/AUD. — 3 credits
0101 (25895) MWF..... 9:00am- 9:50am (ANS 0412) — Obrochta, D.

ENTM789 Field Experience in Pest Management; Grade Method: REG/AUD. — 1-6 credits
0101 (25905) Time and room to be arranged — Dively, G.

ENTM798A Topic Seminar: Seminar in Biosystematics and Morphology; Grade Method: REG/AUD. — 1 credit
0101 (25915) Time and room to be arranged — Mitter, C.

ENTM798E Topic Seminar: Medical and Veterinary Entomology; Grade Method: REG/AUD. — 1 credit
0101 (25925) Time and room to be arranged — Scott, T.

ENTM798F Topic Seminar: Genomic Evolution and its Relation to Phylogenetic Inference; Grade Method: REG/AUD. — 1 credit
0101 (25935) W..... 4:00pm- 5:00pm (HZF 1106) — Regier, J.

ENTM799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENTM899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

FDSC Food Science (Agriculture)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

FDSC388 (PermReq) Experiential Learning; Grade Method: REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits
0901 (24027) Time and room to be arranged — Schlimme, D.

FDSC399 (PermReq) Special Problems in Food Science; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

FDSC421 (PermReq) Food Chemistry; Grade Method: REG/P-F/AUD. *Prerequisite: BCHM 261.* — 3 credits
0101 (24051) MWF..... 8:00am- 8:50am (ANS 0402) — Vijay, I.

FDSC431 Food Quality Control; Grade Method: REG/P-F/AUD. — 4 credits
0101 (24061) TuTh..... 6:00pm- 7:15pm (HZF 0128B) — Schlimme, D.
Th..... 7:30pm- 9:30pm (HZF 0109) Lab

FDSC442 Horticultural Products Processing; Grade Method: REG/P-F/AUD. — 3 credits
0101 (24071) TuTh..... 2:00pm- 3:00pm (HZF 1106) — Wiley, R.
Tu..... 3:00pm- 5:00pm (HZF 0113) Lab

FDSC482 Seafood Products Processing; Grade Method: REG/P-F/AUD. *Prerequisite: BCHM 261 or permission of department.* Courses held at Horn Point Environmental Lab, Cambridge, MD. — 3 credits
0101 (24081) W..... 5:30pm- 8:30pm (MMH 3418) — Chai, T.

FDSC831 Advanced Food Microbiology; Grade Method: REG/AUD. *Prerequisite: FDSC 430 or permission of instructor.* — 2 credits
0101 (24091) Th..... 3:30pm- 5:10pm (ANS 0402) — Westhoff, D.

FDSC898 Colloquium in Food Science; Grade Method: REG/AUD. — 1 credit
0101 (24101) Tu..... 4:00pm- 4:50pm (ANS 0408) — Heath, J.

FDSC899 (PermReq) Special Problems in Food Science; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

FDSC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

FDSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

FMST Family Studies (Health and Human Performance)

FMST330 Family Theories and Patterns; Grade Method: REG/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Junior standing. Formerly FMCD 330.* — 3 credits
0101 (24271) MWF.....10:00am-10:50am (MMH 1304) — Zeiger, R.

FMST332 Children in Families; Grade Method: REG/P-F/AUD. *Prerequisite: FMST 105 or PSYC 100. Formerly FMCD 332.* — 3 credits
0101 (24281) TuTh.....11:00am-12:15pm (MMH 0108) — Millstein, F.

FMST341 Personal and Family Finance; Grade Method: REG/P-F/AUD. *Prerequisite: ECON 201 or ECON 205, or permission of department. Credit will be granted for only one of the following: FMCD 441, FMST 341, FMCD 341 or CNEC 410. Formerly FMCD 341.* — 3 credits
0101 (24291) TuTh..... 5:00pm- 6:15pm (MMH 0108) — Mokhtari, M.

FMST347 (PermReq) Internship and Analysis; Grade Method: REG. *Prerequisites: 6 semester hours of internship related course work and permission of department. For FMST majors only. Credit will be granted for only one of the following: FMST 347, FMCD 347 or FMCD 349. Formerly FMCD 347.* — 3 credits
0101 (24301) W.....11:00am-12:30pm (MMH 1206) — Millstein, F.
Time and room to be arranged Lab

FMST381 Poverty, Affluence, and Families; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: FMST 201 or SOCY 100. Formerly FMCD 381.* — 3 credits
0101 (24311) TuTh.....12:30pm- 1:45pm (HBK 0109) — Koblinsky, S.

FMST383 Delivery of Human Services to Families; Grade Method: REG/P-F/AUD. *Prerequisites: 3 semester hours in SOCY and 3 semester hours in FMST. Formerly FMCD 383.* — 3 credits
0101 (24321) TuTh..... 9:30am-10:45am (MMH 1400) — Wallen, J.

FMST388 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours. Formerly FMCD 388.* — 3-6 credits

FMST399 (PermReq) Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

FMST430 Gender Issues in Families; Grade Method: REG/P-F/AUD. *Prerequisites: SOCY 100 and FMST 260 or permission of department. Formerly FMCD 430. Junior standing.* — 3 credits
0101 (24354) TuTh.....11:00am-12:15pm (ARM 0117) — Rubin, R.

FMST431 Family Crises and Intervention; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: PSYC 100. Formerly FMCD 431. Junior standing.* — 3 credits
0101 (24364) TuTh..... 3:30pm- 4:45pm (ARM 0112) — Epstein, N.

FMST432 Intergenerational Aspects of Family Living; Grade Method: REG/P-F/AUD. *Prerequisites: PSYC 100, and SOCY 100; and FMST 332 or other human development course . Formerly FMCD 432.* — 3 credits
0101 (24374) TuTh..... 2:00pm- 3:15pm (ARM 0110) — Werlinich, C.

FMST452 Family Policy Analysis; Grade Method: REG/P-F/AUD. *Prerequisite: FMST 201 or permission of department. Formerly FMCD 452. Senior standing required.* — 3 credits
0101 (24384) Tu..... 2:00pm- 4:45pm (MMH 1206) — Anderson, E.

FMST487 Legal Aspects of Family Problems; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. *Formerly FMCD 487.* — 3 credits
0101 (24394) M..... 3:00pm- 5:45pm (MMH 1400) — Myricks, N.

FMST488M (PermReq) Special Topics: Theory and Techniques of Family Mediation; Grade Method: REG/AUD. — 3 credits
0101 (24404) M..... 6:00pm- 8:45pm (MMH 1304) — Myricks, N.

FMST488S (PermReq) Special Topics: Sexual Issues and the Helping Professional; Grade Method: REG/P-F/AUD. — 3 credits
0101 (24414) Th..... 9:00am-11:45am (MMH 1206) — Epstein, N.

FMST600 Family Theories; Grade Method: REG/AUD. *Formerly FMCD 600.* — 3 credits
0101 (24424) Tu..... 5:00pm- 7:45pm (MMH 1206) — Rubin, R.

FMST640 Family Therapy: Theory and Techniques; Grade Method: REG/AUD. *Formerly FMCD 640.* — 3 credits
0101 (24434) M..... 1:00pm- 3:45pm (MMH 1304) — Leslie, L.

FMST642 (PermReq) Intergenerational Aspects of Family Therapy; Grade Method: REG/AUD. *Prerequisite: FMST 640. Formerly FMCD 642.* — 3 credits
0101 (24444) Th..... 1:00pm- 3:45pm (MMH 1206) — Gaylin, N.

FMST645 (PermReq) Sexual Issues and the Helping Professional; Grade Method: REG/AUD. *Prerequisites: a basic course in human sexuality and permission of instructor. Formerly FMCD 645.* — 3 credits
0101 (24454) Th..... 9:00am-11:45am (MMH 1206) — Epstein, N.

FMST647 Theory and Techniques of Family Mediation; Grade Method: REG/AUD. *Formerly FMCD 647.* — 3 credits
0101 (24464) M..... 6:00pm- 8:45pm (MMH 1304) — Myricks, N.

FMST650 (PermReq) Theory, Methods and Consultation in Marriage and Family Therapy I; Grade Method: REG/AUD. *Prerequisite: permission of department. Limited to students admitted to the family therapy program. Formerly FMCD 650.* — 3 credits
0101 (24474) Tu..... 9:00am-11:45am (MMH 1206) — Gaylin, N.

FMST680 Program Planning and Evaluation; Grade Method: REG/AUD. *Formerly FMCD 600.* — 3 credits
0101 (24484) M..... 2:00pm- 4:45pm (MMH 1206) — Wallen, J.

FMST689 (PermReq) Internship; Grade Method: REG/AUD. — 3-6 credits
0101 (24494) Time and room to be arranged — STAFF

FMST698 (PermReq) Advanced Topics in Family and Community Development; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. — 1-3 credits

FMST698A (PermReq) Advanced Topics in Family and Community Development: Family Policy Analysis; Grade Method: REG/AUD. — 3 credits
0101 (24515) Tu..... 2:00pm- 4:45pm (MMH 1206) — Anderson, E.

FMST698E (PermReq) Advanced Topics in Family and Community Development: Advanced Topics: Family Economics; Grade Method: REG/AUD. — 3 credits
0101 (24525) Th..... 6:30pm- 9:15pm (MMH 1206) — Mokhtari, M.

FMST698K (PermReq) Advanced Topics in Family and Community Development: Advanced Topics: Family Issues and Values; Grade Method: REG/AUD. — 3 credits
0101 (24535) M.....10:00am-12:45pm (MMH 1206) — Randolph, S.

FMST699 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

FMST699S (PermReq) Independent Study: Theory and Practice of Clinical Supervision; Grade Method: REG/AUD. — 1-6 credits
0101 (24557) Time and room to be arranged — STAFF

FMST799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. — 1-6 credits

FOLA Foreign Language (Arts and Humanities)

FOLA108G Elementary Foreign Languages I: Elementary Modern Greek; Grade Method: REG/P-F/AUD. Introductory speaking, reading, and writing of Modern Greek for beginners. Not open for credit to native speakers. The follow-up elementary level course (FOLA 109G) will be offered in the spring semester. — 3 credits
0101 (24628) TuTh.....11:00am-12:15pm (JMZ 0103) — Papandreou, I.

FOLA108K Elementary Foreign Languages I: Introductory Reading for Speakers of Korean; Grade Method: REG/P-F/AUD. Reading and writing practices in Korean. Course progresses from an introduction of Hangul (the Korean alphabet) to the reading of easy literature. Discussion in simple Korean. — 3 credits
0101 (24638) TuTh.....11:00am-12:15pm (JMZ 2117) — Ramsey, Y.

FOLA118G (PermReq) Intermediate Foreign Languages I: Intermediate Modern Greek; Grade Method: REG/P-F/AUD. Not open for credit to native speakers. — 3 credits
0101 (24648) TuTh..... 9:00am-10:15am (JMZ 0202) — Papandreou, I.

--SELF-INSTRUCTIONAL LANGUAGE PROGRAM--

-- The program is essentially self-instructional. The student supplies a blank tape and, in return, receives a recorded tape with the week's lesson. There is also a manual designed for self-instruction which the student is required to purchase. A native speaking tutor will be assigned to drill the student in the material learned from the tape and the accompanying manual. Every effort will be made to arrange drill sessions at times suitable to all participants in the program. Attendance at drill sessions is required of all students. There will be one final examination administered by a qualified examiner appointed by the director. The entire semester's grade will derive from this examination. Enrollment in the program is strictly limited. Application forms available in JMZ 4117. Mandatory orientation and scheduling meeting will be held at beginning of semester. Details posted outside of JMZ 4117.

FOLA138A (PermReq) Directed Study of a Foreign Language I: Hungarian I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits
0101 (24658) Time and room to be arranged Lab — MacBain, W.

FOLA138D (PermReq) Directed Study of a Foreign Language I: Dutch I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits
0101 (24668) Time and room to be arranged Lab — MacBain, W.

FOLA138E (PermReq) **Directed Study of a Foreign Language I: Elementary Tagalog I; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24678) Time and room to be arranged Lab — MacBain, W.

FOLA138F (PermReq) **Directed Study of a Foreign Language I: Polish I; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24688) Time and room to be arranged Lab — MacBain, W.

FOLA138K (PermReq) **Directed Study of a Foreign Language I: Persian I; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117) Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24698) Time and room to be arranged Lab — MacBain, W.

FOLA138P (PermReq) **Directed Study of a Foreign Language I: Hindi I; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24708) Time and room to be arranged Lab — MacBain, W.

FOLA138R (PermReq) **Directed Study of a Foreign Language I: Turkish I; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24718) Time and room to be arranged Lab — MacBain, W.

FOLA138S (PermReq) **Directed Study of a Foreign Language I: Egyptian Arabic I; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24728) Time and room to be arranged Lab — MacBain, W.

FOLA138V (PermReq) **Directed Study of a Foreign Language I: Armenian I; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24738) Time and room to be arranged Lab — MacBain, W.

FOLA139A (PermReq) **Directed Study of a Foreign Language II: Elementary Hungarian II; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24748) Time and room to be arranged Lab — MacBain, W.

FOLA139D (PermReq) **Directed Study of a Foreign Language II: Elementary Dutch II; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24758) Time and room to be arranged Lab — MacBain, W.

FOLA139E (PermReq) **Directed Study of a Foreign Language II: Tagalog II; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24768) Time and room to be arranged Lab — Yaramanoglu, N.

FOLA139F (PermReq) **Directed Study of a Foreign Language II: Polish II; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24778) Time and room to be arranged Lab — MacBain, W.

FOLA139K (PermReq) **Directed Study of a Foreign Language II: Elementary Persian II; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24788) Time and room to be arranged Lab — MacBain, W.

FOLA139P (PermReq) **Directed Study of a Foreign Language II: Hindi II; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 138P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24798) Time and room to be arranged Lab — MacBain, W.

FOLA139R (PermReq) **Directed Study of a Foreign Language II: Elementary Turkish II; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24808) Time and room to be arranged Lab — MacBain, W.

FOLA139S (PermReq) **Directed Study of a Foreign Language II: Egyptian Arabic II; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24818) Time and room to be arranged Lab — MacBain, W.

FOLA148A (PermReq) **Directed Study of a Foreign Language III: Hungarian III; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 139A or FOLA 158A or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24828) Time and room to be arranged Lab — MacBain, W.

FOLA148C (PermReq) **Directed Study of a Foreign Language III: Modern Greek III; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 139C or FOLA 158C or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24838) Time and room to be arranged Lab — MacBain, W.

FOLA148D (PermReq) **Directed Study of a Foreign Language III: Dutch III; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 139D or FOLA 158D or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24848) Time and room to be arranged Lab — MacBain, W.

FOLA148F (PermReq) **Directed Study of a Foreign Language III: Polish III; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 139F or FOLA 158F or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24858) Time and room to be arranged Lab — MacBain, W.

FOLA148K (PermReq) **Directed Study of a Foreign Language III: Persian III; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 139K or FOLA 158K or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24868) Time and room to be arranged Lab — MacBain, W.

FOLA148P (PermReq) **Directed Study of a Foreign Language III: Hindi III; Grade Method: REG/P-F/AUD.** Prerequisites: FOLA 139P or FOLA 158P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24878) Time and room to be arranged Lab — MacBain, W.

FOLA148Q (PermReq) **Directed Study of a Foreign Language III: Norwegian III; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24888) Time and room to be arranged Lab — MacBain, W.

FOLA148R (PermReq) **Directed Study of a Foreign Language III: Turkish III; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 139R or FOLA 158R or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24898) Time and room to be arranged Lab — MacBain, W.

FOLA148S (PermReq) **Directed Study of a Foreign Language III: Egyptian Arabic III; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 139S or FOLA 158S or consent of program director. All students planning to take this course must complete application form (avaible in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24908) Time and room to be arranged Lab — MacBain, W.

FOLA149C (PermReq) **Directed Study of a Foreign Language IV: Modern Greek IV; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 148C or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24918) Time and room to be arranged Lab — MacBain, W.

FOLA149D (PermReq) **Directed Study of a Foreign Language IV: Dutch IV; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24928) Time and room to be arranged Lab — MacBain, W.

FOLA149P (PermReq) **Directed Study of a Foreign Language IV: Hindi IV; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 148P or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits

0101 (24938) Time and room to be arranged Lab — MacBain, W.

FOLA158A (PermReq) **Directed Study of a Foreign Language (Intensive) I: Elementary Hungarian (Intensive); Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 6 credits

0101 (24948) Time and room to be arranged Lab — MacBain, W.

FOLA158E (PermReq) **Directed Study of a Foreign Language (Intensive) I: Elementary Tagalog (Intensive); Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 6 credits

0101 (24958) Time and room to be arranged Lab — MacBain, W.

FOLA158F (PermReq) **Directed Study of a Foreign Language (Intensive) I: Elementary Polish (Intensive); Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 6 credits

0101 (24968) Time and room to be arranged Lab — MacBain, W.

FOLA158K (PermReq) **Directed Study of a Foreign Language (Intensive) I: Elementary Persian (Intensive); Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 6 credits

0101 (24978) Time and room to be arranged Lab — MacBain, W.

FOLA158P (PermReq) **Directed Study of a Foreign Language (Intensive) I: Elementary Hindi (Intensive); Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 6 credits

0101 (24988) Time and room to be arranged Lab — MacBain, W.

FOLA158R (PermReq) **Directed Study of a Foreign Language (Intensive) I: Elementary Turkish I (Intensive); Grade Method: REG/P-F/AUD.** All students planning this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 6 credits

0101 (24998) Time and room to be arranged Lab — MacBain, W.

FOLA158S (PermReq) **Directed Study of a Foreign Language (Intensive) I: Elementary Egyptian Arabic (Intensive); Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 6 credits

0101 (25008) Time and room to be arranged Lab — MacBain, W.

FOLA158V (PermReq) **Directed Study of a Foreign Language (Intensive) I: Elementary Armenian (Intensive); Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 6 credits

0101 (25018) Time and room to be arranged Lab — MacBain, W.

FOLA158X (PermReq) **Directed Study of a Foreign Language (Intensive) I: Elementary Urdu (Intensive); Grade Method: REG/P-F/AUD.** Students may register for FOLA 158X or 158P, not both. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 6 credits

0101 (25028) Time and room to be arranged Lab — MacBain, W.

FOLA159C (PermReq) **Directed Study of a Foreign Language (Intensive) II: Intermediate Greek (Intensive); Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 158C or 139C or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 6 credits

0101 (25038) Time and room to be arranged Lab — MacBain, W.

FOLA159K (PermReq) **Directed Study of a Foreign Language (Intensive) II: Intermediate Persian (Intensive); Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 6 credits

0101 (25048) Time and room to be arranged Lab — MacBain, W.

FOLA159P (PermReq) **Directed Study of a Foreign Language (Intensive) II: Intermediate Hindi (Intensive); Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 158P or 139P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 6 credits

0101 (25058) Time and room to be arranged Lab — MacBain, W.

FOLA159R (PermReq) **Directed Study of a Foreign Language (Intensive) II: Intermediate Turkish (Intensive); Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 6 credits

0101 (25068) Time and room to be arranged Lab — MacBain, W.

FOLA159X (PermReq) **Directed Study of a Foreign Language (Intensive) II: Intermediate Urdu (Intensive); Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 158X or 158P or 139P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 6 credits

0101 (25078) Time and room to be arranged Lab — MacBain, W.

FOLA386 (PermReq) **Experiential Learning; Grade Method: REG/P-F.** *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours* — 3 credits

0101 (25088) Time and room to be arranged Lab — MacBain, W.

FOOD Food (Agriculture)

FOOD240 (PermReq) **Science of Food I; Grade Method: REG/P-F/AUD.** *Pre- or corequisite: CHEM 233 or CHEM 104* Offered in the fall semester only. — 3 credits

0101 (25138) TuTh.....10:00am-10:50am (MMH 3418) — Curtis, S.
Tu..... 2:00pm- 5:00pm (MMH 3401) Lab

0102 (25139) TuTh.....10:00am-10:50am (MMH 3418) — Curtis, S.
W..... 2:00pm- 5:00pm (MMH 3401) Lab

FREN French (Arts and Humanities)

A booklet fully describing courses to be offered is available in the office of the Department of French and Italian, Room 3106 of the Juan Ramon Jimenez building.

FREN101 Elementary French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Not open to students with 2 or more years of high-school level French.* Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. — 4 credits

0101 (25189) MTuWF..... 8:00am- 8:50am (JMZ 0105) STAFF
Th..... 8:00am- 8:50am (JMZ 1220) Lab
0201 (25190) MTuWF..... 9:00am- 9:50am (JMZ 0125) STAFF
Th..... 9:00am- 9:50am (JMZ 1220) Lab
0301 (25191) MWF.....10:00am-10:50am (JMZ 0125) STAFF
Tu.....10:00am-10:50am (JMZ 0125)
Th.....10:00am-10:50am (JMZ 1220) Lab
0401 (25192) MWF.....12:00pm-12:50pm (JMZ 2120) STAFF
Tu.....12:00pm-12:50pm (JMZ 0125)
Th.....12:00pm-12:50pm (JMZ 1220) Lab
0501 (25193) MWF..... 1:00pm- 1:50pm (JMZ 0105) STAFF
Tu..... 1:00pm- 1:50pm (JMZ 0125)
Th..... 1:00pm- 1:50pm (JMZ 1220) Lab

FREN102 Elementary French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: FREN 101 at UMCP or permission of department* — 4 credits

0101 (25203) MWF..... 9:00am- 9:50am (JMZ 2120) STAFF
Th..... 9:00am- 9:50am (JMZ 0118)
Tu..... 9:00am- 9:50am (JMZ 1220) Lab
0201 (25204) MWF.....10:00am-10:50am (JMZ 2120) STAFF
Th.....10:00am-10:50am (JMZ 0122)
Tu.....10:00am-10:50am (JMZ 1220) Lab
0301 (25205) MWThF.....11:00am-11:50am (JMZ 2120) STAFF
Tu.....11:00am-11:50am (JMZ 1220) Lab
0401 (25206) MWThF.....12:00pm-12:50pm (JMZ 0118) STAFF
Tu.....12:00pm-12:50pm (JMZ 1220) Lab

FREN103 Review of Elementary French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Limited to students who have had at least two years of high-school French or equivalent or who do not qualify for FREN 203. Credit will be granted for only one of the following: FREN 101, FREN 102 or FREN 103.* Limited to students according to conditions described in the " Foreign Language Placement" section in this schedule. — 4 credits

0101 (25216) MTuWF..... 8:00am- 8:50am (JMZ 0103) STAFF
0201 (25217) MWF..... 9:00am- 9:50am (JMZ 0103) STAFF
Tu..... 9:00am- 9:50am (JMZ 1224)
0301 (25218) MWF.....10:00am-10:50am (JMZ 0103) STAFF
Tu.....10:00am-10:50am (JMZ 2122)
0401 (25219) MWF.....12:00pm-12:50pm (JMZ 0125) STAFF
Tu.....12:00pm-12:50pm (JMZ 0208)
0501 (25220) MTuWF..... 1:00pm- 1:50pm (JMZ 2120) STAFF

FREN203 Intermediate French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. — 4 credits

0101 (25230) TuTh.....12:30pm- 2:30pm (JMZ 2122) STAFF
0201 (25231) MWF..... 9:00am- 9:50am (JMZ 0122) STAFF
Tu..... 9:00am- 9:50am (JMZ 0122)
0301 (25232) MTuWF.....10:00am-10:50am (JMZ 0122) STAFF
0401 (25233) TuTh..... 2:30pm- 4:30pm (JMZ 0118) STAFF
0501 (25234) MTuWF.....11:00am-11:50am (JMZ 0122) STAFF
0601 (25235) MTuWF.....12:00pm-12:50pm (JMZ 0122) STAFF
0701 (25236) MTuWF..... 1:00pm- 1:50pm (JMZ 0103) STAFF

FREN204 Review Grammar and Composition; Grade Method: REG/P-F/AUD. *Prerequisite: FREN 203 or permission of department* — 3 credits

0101 (25246) MWF.....10:00am-10:50am (JMZ 2123) Barrabini, M.
0201 (25247) MWF..... 9:00am- 9:50am (JMZ 2123) STAFF
0301 (25248) TuTh.....12:30pm- 1:45pm (JMZ 2125) STAFF

FREN211 Intermediate Conversation; Grade Method: REG/P-F/AUD. *Not open to native speakers. Prerequisite: FREN 203 or permission of department.* — 3 credits

0201 (25260) TuTh..... 9:30am-10:45am (JMZ 0103) STAFF

FREN240 Masterworks of French Literature in Translation; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. — 3 credits

0101 (25270) MWF.....10:00am-10:50am (JMZ 2122) STAFF

FREN250 Readings in French; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: FREN 203 or equivalent* — 3 credits

0201 (25281) MWF.....11:00am-11:50am (JMZ 2122) STAFF
0301 (25282) TuTh.....11:00am-12:15pm (JMZ 2102) STAFF

FREN250H (PermReq) Readings in French; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: FREN 203 or equivalent* — 3 credits

0201 (25293) MWF.....11:00am-11:50am (JMZ 2122) STAFF
0301 (25294) TuTh.....11:00am-12:15pm (JMZ 2102) STAFF

FREN301 Composition and Style; Grade Method: REG/P-F/AUD. *Prerequisite: FREN 204 or permission of department* — 3 credits

0101 (25304) MW.....12:00pm- 1:15pm (JMZ 3120) Kinginger, C.

FREN302 Introduction to Translation; Grade Method: REG/P-F/AUD. *Prerequisite: FREN 301 or permission of department.* — 3 credits

0101 (25314) TuTh.....12:30pm- 1:45pm (JMZ 3120) STAFF

FREN306 Commercial French I; Grade Method: REG/P-F/AUD. *Prerequisite: FREN 301 or permission of department.* — 3 credits

0101 (25324) TuTh..... 9:30am-10:45am (JMZ 3120) STAFF

FREN311 Advanced Comprehension and Expression in French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: FREN 204 or permission of department.* — 3 credits

0101 (25335) TuTh.....11:00am-12:15pm (JMZ 2122) STAFF

FREN312 Introduction to French Civilization: The French Press; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: FREN 211 or permission of department.* — 3 credits

0101 (25346) MWF.....11:00am-11:50am (JMZ 2123) Barrabini, M.

FREN351 French Literature From the Revolution to the Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: FREN 204 or FREN 250 or permission of department.* — 3 credits

0101 (25356) MWF.....11:00am-11:50am (JMZ 2125) Tarica, R.

FREN351H French Literature From the Revolution to the Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: FREN 204 or FREN 250 or permission of department.* Honors. — 3 credits

0101 (25366) MWF.....11:00am-11:50am (JMZ 2125) Tarica, R.

FREN352 French Literature From the Middle Ages to the Revolution; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: FREN 204 or FREN 250 or permission of department.* — 3 credits

0101 (25376) MW..... 2:00pm- 3:15pm (JMZ 2125) Brami, J.

FREN352H French Literature From the Middle Ages to the Revolution; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: FREN 204 or FREN 250 or permission of department.* Honors. — 3 credits

0101 (25386) MW..... 2:00pm- 3:15pm (JMZ 2125) Brami, J.

FREN386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

FREN388 (PermReq) Practicum in Spoken French; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised conversation under professor of student's choice with consent of instructor. Contact department for details. Prerequisite: FREN 312 or permission of department chair. — 1 credit

FREN398 (PermReq) Directed Study in French; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with permission of instructor. Contact department for details. — 1-3 credits

FREN401 Stylistics; Grade Method: REG/P-F/AUD. *Prerequisite: FREN 301 or permission of department* — 3 credits

0101 (25445) TuTh.....12:30pm- 1:45pm (JMZ 3118) Fink, B.

FREN419 Studies in Medieval French Literature; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25465) MWF.....10:00am-10:50am (JMZ 3120) MacBain, W.

FREN449 Studies in 18th Century French Literature; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25475) TuTh..... 9:30am-10:45am (JMZ 2125) Fink, B.

FREN459 Studies in 19th Century French Literature: Femmes Fatales in Narrative-Opera and Film; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25485) TuTh.....11:00am-12:15pm (JMZ 3118) Mossman, C.

FREN472 French Civilization II; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25495) MWF..... 1:00pm- 1:50pm (JMZ 1109) Barrabini, M.

FREN474 Contemporary France: A Sociocritical Approach; Grade Method: REG/P-F/AUD. *Recommended: FREN 473.* — 3 credits

0101 (25505) TuTh.....11:00am-12:15pm (JMZ 3120) Verdaguer, P.

FREN478C Themes and Movements of French Literature in Translation: Conflict between Individual and Society in French Literature; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. — 3 credits

0101 (25515) MWF.....11:00am-11:50am (JMZ 3120) MacBain, W.

FREN484H (PermReq) Honors Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Open only to students admitted to the departmental honors program.* — 3 credits

FREN485H (PermReq) Honors Thesis Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Open only to students admitted to the departmental honors program.* — 3 credits

FREN489 Special Topics in French Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

FREN489C Special Topics in French Studies: D'une rive a l'autre; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25574) TuTh..... 9:30am-10:45am (JMZ 3118) Conde-Philcox,

FREN600 Problems in Bibliography and Research Methods; Grade Method: REG/AUD. — 3 credits

0101 (25584) Th..... 2:00pm- 4:30pm (JMZ 3120) Mossman, C.

FREN629 Special Topic in Sixteenth Century French Literature: Erasmus/Rabelais; Grade Method: REG/AUD. — 3 credits

0101 (25594) W..... 2:00pm- 4:30pm (JMZ 3120) Meijer, M.

FREN688 Special Topics in Twentieth Century French Literature; Grade Method: REG/AUD. — 3 credits

0101 (25604) M..... 2:00pm- 4:30pm (JMZ 3120) Verdaguer, P.

FREN679B (PermReq) The History of Ideas in France: Post-colonialism or Post-modernism?; Grade Method: REG/AUD. — 3 credits

0101 (25614) Th..... 2:00pm- 4:30pm (JMZ 3118) Conde-Philcox,

FREN689C Seminar: D'une rive a l'autre; Grade Method: REG/AUD. — 3 credits

0101 (25624) TuTh..... 9:30am-10:45am (JMZ 3118) Conde-Philcox,

FREN709 College Teaching of French; Grade Method: S-F. — 1 credit

0101 (25634) W..... 4:30pm- 5:30pm (JMZ 3120) Kinginger, C.

FREN798 (PermReq) Master's Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

FREN799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

FREN818 French Literary Criticism; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

FREN888 (PermReq) Doctoral Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

FREN899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

FSAD Foodservice Administration (Agriculture)

FSAD300 Foodservice Organization and Management; Grade Method: REG/P-F/AUD. *Prerequisite: permission of department.* Offered fall semesters only. — 3 credits

0101 (25773) TuTh..... 2:00pm- 3:15pm (MMH 3418) Curtis, S.

FSAD350 (PermReq) Foodservice Operations I; Grade Method: REG/P-F/AUD. *Prerequisite: FOOD 250. Pre- or corequisites: FSAD 300, and MICB 200.* — 5 credits

0101 (25783) WF..... 9:30am-10:45am (MMH 3418) Norton, V.
Tu..... 8:00am- 1:00pm (MMH 3108) Lab
0102 (25784) WF..... 9:30am-10:45am (MMH 3418) Norton, V.
Th..... 8:00am- 1:00pm (MMH 3108) Lab

FSAD450 Foodservice Equipment Planning; Grade Method: REG/P-F/AUD. *Prerequisite: FSAD 350.* Offered in the fall semester only. — 3 credits

0101 (25794) TuTh..... 1:00pm- 1:50pm (MMH 3418) Norton, V.
W..... 1:00pm- 4:00pm (MMH 3108) Lab

FSAD480 (PermReq) Practicum in Foodservice Administration; Grade Method: S-F. *Prerequisites: FSAD 350 and permission of department.* — 3 credits

0101 (25804) F..... 2:00pm- 5:00pm (MMH 3418) Norton, V.

FSAD490 (PermReq) Special Problems in Foodservice; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: senior standing, five hours in FSAD courses and permission of department.* — 2-3 credits

FSAD498 (PermReq) Selected Topics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

FSAD498C (PermReq) Selected Topics: Conference Center Foodservice; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25816) Time and room to be arranged Norton, V.
Time and room to be arranged Lab

FSAD498F (PermReq) Selected Topics: Conference Center Management; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25826) Time and room to be arranged Norton, V.
Time and room to be arranged Lab

FSAD680 Research Methods; Grade Method: REG/AUD. *Prerequisite: a statistics course.* — 3 credits

0101 (25836) TuTh..... 5:00pm- 6:15pm (MMH 3418) Castonguay, T.

FSAD688 Seminar: Seminar in Nutrition; Grade Method: REG/AUD. — 1 credit

0101 (25846) Th..... 4:00pm- 4:50pm (MMH 1304) Jackson, R.

FSAD799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GEOG Geography (Behavioral and Social Sciences)

GEOG100 Introduction to Geography; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits

0101 (25906) MW.....10:00am-10:50am (LEF 2205) Cirrincione, J.
Th.....10:00am-10:50am (LEF 1222) Dis
0102 (25907) MW.....10:00am-10:50am (LEF 2205) Cirrincione, J.
Th.....11:00am-11:50am (TYD 1102) Dis
0103 (25908) MW.....10:00am-10:50am (LEF 2205) Cirrincione, J.
F..... 9:00am- 9:50am (LEF 1222) Dis
0104 (25909) MW.....10:00am-10:50am (LEF 2205) Cirrincione, J.
Th..... 9:00am- 9:50am (LEF 1222) Dis
0105 (25910) MW.....10:00am-10:50am (LEF 2205) Cirrincione, J.
F.....10:00am-10:50am (JRN 1104) Dis
0106 (25911) MW.....10:00am-10:50am (LEF 2205) Cirrincione, J.
F.....10:00am-10:50am (TYD 2106) Dis
0107 (25912) MW.....10:00am-10:50am (LEF 2205) Cirrincione, J.
F.....12:00pm-12:50pm (LEF 1220) Dis
0201 (25913) MW.....11:00am-11:50am (LEF 2205) Cirrincione, J.
Th.....10:00am-10:50am (CHE 2145) Dis
0202 (25914) MW.....11:00am-11:50am (LEF 2205) Cirrincione, J.
Th.....11:00am-11:50am (JMZ 0122) Dis
0203 (25915) MW.....11:00am-11:50am (LEF 2205) Cirrincione, J.
F..... 9:00am- 9:50am (DNC 1139B) Dis
0204 (25916) MW.....11:00am-11:50am (LEF 2205) Cirrincione, J.
F.....11:00am-11:50am (LEF 2205) Dis
0205 (25917) MW.....11:00am-11:50am (LEF 2205) Cirrincione, J.
F.....11:00am-11:50am (KEY 1117) Dis
0206 (25918) MW.....11:00am-11:50am (LEF 2205) Cirrincione, J.
Th.....12:00pm-12:50pm (JMZ 0122) Dis
0207 (25919) MW.....11:00am-11:50am (LEF 2205) Cirrincione, J.
F.....12:00pm-12:50pm (LEF 1222) Dis

GEOG201 Geography of Environmental Systems; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOG 211. USP Distributive Studies Area B Course. If taken with GEOG 211, course may be counted as USP Area B lab science requirement. — 3 credits

0101 (25939) TuTh..... 9:30am-10:45am (SHM 2101) Kearney, M.

GEOG202 The World in Cultural Perspective; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits

0101 (25949) TuTh..... 2:00pm- 2:50pm (LEF 2205) Mitchell, R.
Tu.....12:30pm- 1:20pm (ASY 3217) Dis
0102 (25950) TuTh..... 2:00pm- 2:50pm (LEF 2205) Mitchell, R.
W..... 1:00pm- 1:50pm (ASY 3215) Dis
0103 (25951) TuTh..... 2:00pm- 2:50pm (LEF 2205) Mitchell, R.
Th.....12:30pm- 1:20pm (ASY 3217) Dis
0104 (25952) TuTh..... 2:00pm- 2:50pm (LEF 2205) Mitchell, R.
F..... 1:00pm- 1:50pm (LEF 1222) Dis

GEOG203 Economic Geography; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits

0101 (25962) TuTh.....11:00am-12:15pm (LEF 2208) Brodsky, H.

GEOG211 Geography of Environmental Systems Laboratory; Grade Method: REG/P-F/AUD. *Pre- or corequisite: GEOG 201 or GEOL 100 or GEOL 120.* CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOG 201. This is a 2 hr, 1 credit lab which parallels GEOG 201; Required for GEOG majors; optional for non-majors. — 1 credit

0101 (25972) M..... 9:00am-11:00am (LEF 1138) Lab STAFF
0201 (25973) F..... 9:00am-11:00am (LEF 1138) Lab STAFF
0301 (25974) M..... 1:00pm- 3:00pm (LEF 1138) Lab STAFF

GEOG305 Quantitative Methods in Geography; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25984) MWF..... 1:00pm- 1:50pm (LEF 2208) Brodsky, H.

GEOG310 Research and Writing in Geography; Grade Method: REG/P-F/AUD. *Prerequisite: GEOG 305.* — 3 credits

0101 (25994) W..... 2:00pm- 4:30pm (LEF 1179) Townshend, J.

GEOG321 Maryland and Adjacent Areas; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits

0101 (26004) MWF.....10:00am-10:50am (LEF 1201) Leatherman, S.

GEOG345 Climatology; Grade Method: REG/P-F/AUD. — 3 credits

0101 (26014) TuTh.....12:30pm- 1:45pm (LEF 1221) Dubayah, R.

GEOG350 The American City: Past and Present; Grade Method: REG/P-F/AUD. — 3 credits

0101 (26024) TuTh..... 9:30am-10:45am (LEF 1221) Thomas, J.

GEOG370 Principles of Cartography; Grade Method: REG/AUD. — 3 credits

0101 (26034) Tu..... 4:30pm- 7:00pm (LEF 1138) STAFF
Time and room to be arranged Lab

GEOG372 Remote Sensing; Grade Method: REG/P-F/AUD. — 3 credits

0101 (26044) M.....12:00pm- 2:00pm (LEF 1220) Goward, S.
W.....12:00pm- 2:00pm (LEF 1138) Lab
0102 (26045) M.....12:00pm- 2:00pm (LEF 1220) Goward, S.
F.....12:00pm- 2:00pm (LEF 1138) Lab

GEOG373 Computer Mapping; Grade Method: REG/P-F/AUD. *Prerequisite: GEOG 370 or CMSC 110 or permission of department.* — 3 credits

0101 (26055) M..... 3:30pm- 5:30pm (LEF 2208) Thompson, D.
W..... 3:30pm- 5:00pm (LEF 2208) Lab
0102 (26056) M..... 3:30pm- 5:30pm (LEF 2208) Thompson, D.
W..... 5:00pm- 6:30pm (LEF 2208) Lab

GEOG384 (PermReq) Internship in Geography; Grade Method: REG/P-F. *Prerequisite: GEOG 305, and GEOG 310, and permission of department. Corequisite: GEOG 385.* — 3 credits

0101 (26066) Time and room to be arranged Cirrincione, J.

GEOG385 (PermReq) Internship Research Paper; Grade Method: REG/P-F/AUD. *Prerequisite: GEOG 305; and GEOG 310, and permission of department. Corequisite: GEOG 384.* — 3 credits

0101 (26076) Time and room to be arranged Cirrincione, J.

GEOG398 (PermReq) Honors Research; Grade Method: REG/P-F/AUD. — 3 credits

0101 (26086) Time and room to be arranged Townshend, J.

GEOG399 (PermReq) Honors Thesis; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 398. — 3 credits

0101 (26096) Time and room to be arranged Townshend, J.

GEOG411 19th Century North America; Grade Method: REG/P-F/AUD. — 3 credits

0101 (26106) TuTh.....12:30pm- 1:45pm (LEF 1220) Groves, P.

GEOG420 Cultural Geography; Grade Method: REG/P-F/AUD. *Prerequisite: GEOG 201, or GEOG 202, or ANTH 101, or ANTH 102, or permission of department.* — 3 credits

0101 (26116) TuTh.....11:00am-12:15pm (LEF 1220) Mitchell, R.

GEOG422 Population Geography; Grade Method: REG/P-F/AUD. — 3 credits

0101 (26137) M..... 7:00pm- 9:30pm (LEF 1201) Christian, C.

GEOG433 Transportation Networks; Grade Method: REG/P-F/AUD. — 3 credits

0101 (26147) Tu..... 2:00pm- 4:30pm (SCP 1105) Brodsky, H.

GEOG440 Process Geomorphology; Grade Method: REG/AUD. *Prerequisite: GEOG 340 or GEOL 340 or permission of department.* — 3 credits

0101 (26157) M..... 4:00pm- 6:30pm (LEF 1179) Leatherman, S.

GEOG456 The Social Geography of Metropolitan Areas; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 (26176) MW.....10:00am-11:15am (LEF 1222) Christian, C.

GEOG484 Biogeography; Grade Method: REG/P-F/AUD. — 3 credits
0101 (26199) Tu..... 4:00pm- 6:30pm (LEF 1201) Prince, S.

GEOG488 (PermReq) Topical Investigations: Selected Topics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Restricted to advanced undergraduate students with credit for at least 24 hours in geography and to graduate students. Any exceptions should have approval of department. Repeatable to 6 credits if content differs. — 1-3 credits

GEOG800 Introduction to Graduate Study in Geography; Grade Method: REG/AUD. — 3 credits
0101 (26246) Th..... 5:00pm- 7:30pm (LEF 1179) Goward, S.

GEOG805 (PermReq) Quantitative Spatial Analysis; Grade Method: REG/AUD. *Prerequisite: GEOG 305, and GEOG 483, or permission of department.* — 3 credits
0101 (26256) W..... 7:00pm- 9:30pm (TYD 1101) Dubayah, R.

GEOG818C Seminar in Geomorphology: Coastal Processes; Grade Method: REG/AUD. — 3 credits
0101 (26266) W..... 4:00pm- 6:30pm (TYD 1101) Kearney, M.

GEOG879A Seminar in Urban Geography: The American City; Grade Method: REG/AUD. — 3 credits
0101 (26276) W..... 4:00pm- 6:30pm (LEF 1221) STAFF

GEOG898 Design for Geographic Information Systems; Grade Method: REG/AUD. *Prerequisite: GEOG 482 or permission of department.* — 3 credits
0101 (26286) Tu..... 7:00pm- 9:30pm (LEF 1179) Thompson, D.

GEOG788 (PermReq) Selected Topics in Geography; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Repeatable to 6 credits if content differs. — 1-3 credits

GEOG789 (PermReq) Independent Readings; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Repeatable to 6 credits if content differs. — 1-3 credits

GEOG790 Internship in Geography; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

GEOG799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GEOG899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

GEOL Geology — (Computer, Mathematical and Physical Sciences)

GEOL100 Physical Geology; Grade Method: REG/P-F/AUD. *Credit will be granted for only one of the following: GEOL 100 or GEOL 101.* CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOL 110. USP Distributive Studies Area B Course. If taken with GEOL 110, course can be counted as USP Area B lab science requirement. — 3 credits
0101 (26420) TuTh.....11:00am-12:15pm (PHY 1410) Hylie, A.
0201 (26421) MWF..... 1:00pm- 1:50pm (MMH 1400) Krogstad, E.
0301 (26422) TuTh.....12:30pm- 1:45pm (HJP 0226) Ostrowski, M.

GEOL110 Physical Geology Laboratory; Grade Method: REG/P-F. *Pre- or corequisite GEOL 100 or GEOL 101.* CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOL 100. — 1 credit
0101 (26432) M..... 9:00am-12:00pm (GEO 2106) Lab STAFF
0102 (26433) M..... 2:00pm- 5:00pm (GEO 2106) Lab STAFF
0103 (26434) Tu.....12:00pm- 3:00pm (GEO 2106) Lab STAFF
0104 (26435) Tu..... 3:00pm- 6:00pm (GEO 2106) Lab STAFF
0106 (26436) W..... 9:00am-12:00pm (GEO 2106) Lab STAFF
0107 (26437) W..... 1:00pm- 4:00pm (GEO 2106) Lab STAFF
0108 (26438) Th..... 3:00pm- 6:00pm (GEO 2106) Lab STAFF
0109 (26439) Tu..... 9:00am-12:00pm (GEO 2106) Lab STAFF
0110 (26440) Th..... 9:00am-12:00pm (GEO 2106) Lab STAFF

GEOL120 Environmental Geology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. — 3 credits
0101 (26450) TuTh..... 9:30am-10:45am (HJP 0226) Segovia, A.
0102 (26451) TuTh.....12:30pm- 1:45pm (MMH 1400) Segovia, A.

GEOL322 Mineralogy; Grade Method: REG. *Prerequisite: GEOL 110 and CHEM 103.* — 4 credits
0101 (26471) TuTh..... 8:00am- 9:15am (HBK 1116) Chang, L.
Tu..... 9:30am-12:30pm (GEO 2107) Lab

GEOL331 Invertebrate Paleontology; Grade Method: REG/P-F. *Prerequisite: GEOL 102.* — 4 credits
0101 (26481) MWF..... 9:00am- 9:50am (GEO 1120) Stifel, P.
M..... 2:00pm- 5:00pm (GEO 2107) Lab

GEOL340 Geomorphology; Grade Method: REG. *Two Saturday field trips. Prerequisites: GEOL 101 or GEOL 100 and GEOL 110.* — 4 credits
0101 (26491) TuTh.....12:30pm- 1:45pm (HBK 0103) Ridky, R.
W..... 2:00pm- 5:00pm (GEO 2117) Lab
0102 (26492) TuTh.....12:30pm- 1:45pm (HBK 0103) Ridky, R.
M..... 2:00pm- 5:00pm (GEO 2117) Lab

GEOL341 Structural Geology; Grade Method: REG. *Prerequisite: GEOL 102 or permission of department.* — 4 credits
0101 (26502) TuTh..... 3:30pm- 4:45pm (GEO 1120) McLellan, E.
W..... 2:00pm- 5:00pm (GEO 2107) Lab

GEOL383 Technical Writing for Geoscientists; Grade Method: REG/P-F/AUD. *Prerequisites: ENGL 101 and completion of any two of the following and concurrent registration in the third: GEOL 341, GEOL 331 and GEOL 322. For GEOL majors only.* — 3 credits
0101 (26512) Time and room to be arranged Stifel, P.

GEOL383H Technical Writing for Geoscientists; Grade Method: REG. *Prerequisites: ENGL 101 and completion of any two of the following and concurrent registration in the third: GEOL 341, GEOL 331 and GEOL 322. For GEOL majors only.* — 3 credits
0101 (26522) Time and room to be arranged Stifel, P.

GEOL394 Research Problems in Geology; Grade Method: REG/P-F/AUD. CORE Capstone Course. *Prerequisite: GEOL 393.* — 3 credits
0101 (26532) Time and room to be arranged Stifel, P.

GEOL394H Research Problems in Geology; Grade Method: REG/P-F/AUD. CORE Capstone Course. *Prerequisite: GEOL 393.* — 3 credits
0101 (26542) Time and room to be arranged Stifel, P.

GEOL434 Micropaleontology; Grade Method: REG/P-F. *Prerequisite: GEOL 331.* — 3 credits
0101 (26552) MW.....11:00am- 2:00pm (GEO 2107) Stifel, P.

GEOL452 Watershed and Wetland Hydrology; Grade Method: REG/P-F/AUD. *Recommended: introductory geology. 56 semester hours. Junior standing.* — 3 credits
0101 (26562) TuTh..... 3:30pm- 5:00pm (CHM 0124) Prestegaard, K.

GEOL456 Engineering Geology; Grade Method: REG/P-F/AUD. *Prerequisite: GEOL 341.* — 3 credits
0101 (26572) MW.....10:00am-11:00am (GEO 1120) Segovia, A.
W.....11:00am- 2:00pm (GEO 2117) Lab

GEOL489 (PermReq) Special Problems in Geology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GEOL511 Educational Use of Scientific Data Sets II; Grade Method: REG. — 3 credits
0101 (26593) Tu..... 7:00pm-10:00pm (AVW 3536) Ridky, R.

GEOL822 Minerology of the Rock-Forming Silicates; Grade Method: REG/AUD. *Prerequisite: GEOL 422 and CHEM 481 or equivalent.* — 3 credits
0101 (26603) TuTh.....12:30pm- 1:45pm (GEO 1120) Chang, L.

GEOL834 Micropaleontology; Grade Method: REG. *Prerequisite: GEOL 431.* — 3 credits
0101 (26613) MW.....11:00am-12:00pm (GEO 2107) Stifel, P.

GEOL850 Isotope and Trace Element Geochemistry; Grade Method: REG/AUD. *Prerequisite: GEOL 443 or permission of department.* — 3 credits
0101 (26623) MF..... 8:30am-10:00am (GEO 2107) Walker, R.

GEOL852 Advanced Watershed and Wetland Hydrology; Grade Method: REG/AUD. *Prerequisite: GEOL 452 or permission of department.* — 3 credits
0101 (26633) TuTh..... 3:30pm- 5:00pm (CHM 0124) Prestegaard, K.

GEOL858 Engineering and Environmental Geology; Grade Method: REG/AUD. — 3 credits
0101 (26643) MW.....10:00am-11:00am (GEO 1120) Segovia, A.
W.....11:00am- 2:00pm (GEO 2117) Lab

GEOL798 (PermReq) Seminar in Geology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1 credit

GEOL799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GEOL899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

GERM German — (Arts and Humanities)

GERM101 Elementary German I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Formerly GERM 111.* — 4 credits
0101 (26735) MTuWF..... 8:00am- 8:50am (JMZ 3205) STAFF
0201 (26736) MTuWF..... 9:00am- 9:50am (JMZ 0204) STAFF
0301 (26737) MTuWF.....10:00am-10:50am (JMZ 0204) STAFF
0401 (26738) MTuWF.....11:00am-11:50am (JMZ 0204) STAFF
0501 (26739) MTuWF.....12:00pm-12:50pm (JMZ 0204) STAFF
0601 (26740) MTuWF..... 1:00pm- 1:50pm (JMZ 0204) STAFF
0701 (26741) MTuWF..... 2:00pm- 2:50pm (JMZ 0204) STAFF

GERM102 Elementary German II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: GERM 101 or equivalent. Formerly GERM 112.* — 4 credits
0101 (26751) MWThF..... 8:00am- 8:50am (JMZ 3205) STAFF
0201 (26752) MWF..... 9:00am- 9:50am (JMZ 1215) STAFF
Th..... 9:00am- 9:50am (JMZ 1103)
0301 (26753) MWF.....10:00am-10:50am (JMZ 1122) STAFF
Th.....10:00am-10:50am (JMZ 0204)
0401 (26754) MWF.....11:00am-11:50am (JMZ 1122) STAFF
Th.....11:00am-11:50am (JMZ 0204)
0501 (26755) MWF.....12:00pm-12:50pm (JMZ 1122) STAFF
Th.....12:00pm-12:50pm (JMZ 1117)

GERM103 Review of Elementary German; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: assignment either by placement examination or by the undergraduate director (Germanic Section).* — 4 credits
0201 (26765) MWF.....11:00am-11:50am (HZF 1108) STAFF
Tu.....11:00am-11:50am (JMZ 1224)

GERM148D Germanic Languages - Elementary I: Elementary Danish I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits
0101 (26775) MWF..... 9:00am- 9:50am (JMZ 3203) Greene-Gantzber

GERM148Y Germanic Languages - Elementary I: Elementary Yiddish I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits
0101 (26785) MWF.....10:00am-10:50am (HZF 1108) Bilik, D.

GERM201 Intermediate German I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: GERM 102.* — 4 credits
0101 (26795) MWThF..... 9:00am- 9:50am (JMZ 1122) STAFF
0201 (26796) MWF.....10:00am-10:50am (JMZ 3205) STAFF
Th.....10:00am-10:50am (JMZ 0118)
0301 (26797) MWF.....11:00am-11:50am (ARM 0103) STAFF
Th.....11:00am-11:50am (JMZ 2207)
0401 (26798) MWF..... 1:00pm- 1:50pm (JMZ 1120) STAFF
Th..... 1:00pm- 1:50pm (JMZ 0204)

GERM202 Intermediate German II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: GERM 201. Not open to students who have completed GERM 211. Credit will be granted for only one of the following: GERM 202 or GERM 211 or GERM 104. Formerly GERM 211.* — 4 credits
0101 (26808) MWF..... 9:00am- 9:50am (JMZ 3205) STAFF
Th..... 9:00am- 9:50am (JMZ 2207)
0201 (26809) MWThF.....12:00pm-12:50pm (HBK 1116) STAFF

GERM202H Intermediate German II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: GERM 201. Not open to students who have completed GERM 211. Credit will be granted for only one of the following: GERM 202 or GERM 211 or GERM 104. Formerly GERM 211.* — 4 credits
0101 (26819) MWF..... 9:00am- 9:50am (JMZ 3205) STAFF
Th..... 9:00am- 9:50am (JMZ 2207)

GERM220 Introduction to German Literature; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: GERM 202 or equivalent. May be taken concurrently with GERM 115.* — 3 credits
0101 (26829) MWF.....10:00am-10:50am (HZF 1106) STAFF

GERM220H Introduction to German Literature; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: GERM 202 or equivalent. May be taken concurrently with GERM 115.* — 3 credits
0101 (26839) MWF.....10:00am-10:50am (HZF 1106) STAFF

GERM248S Germanic Languages Intermediate - I: Intermediate Swedish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits
0101 (26849) TuTh.....11:00am-12:15pm (JMZ 1122) Oster, R.

GERM248Y Germanic Languages Intermediate - I: Intermediate Yiddish I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits
0101 (26859) MWF.....11:00am-11:50am (JMZ 3118) Bilik, D.

GERM280 German-American Cultural Contrast; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits
0101 (26869) MWF.....10:00am-10:50am (MCB 1207) Chesonis, D.

GERM281 Women in German Literature and Society; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. CORE Cultural Diversity Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits
0101 (26879) TuTh.....11:00am-12:15pm (JMZ 1104) Frederiksen, E.

GERM282 Germanic Mythology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits
0101 (26889) TuTh.....12:30pm- 1:45pm (JMZ 0105) Fleck, J.

GERM301 Conversation and Composition I; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 202 or equivalent.* — 3 credits
0101 (26899) MWF.....11:00am-11:50am (JMZ 3203) Fagan, S.
0201 (26900) MWF.....12:00pm-12:50pm (JMZ 1124) Fagan, S.

GERM302 Conversation and Composition II; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 301 or equivalent.* — 3 credits
0101 (26910) MWF.....12:00pm-12:50pm (JMZ 3203) Strauch, G.

GERM321 Highlights of German Literature I; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 220 or equivalent.* — 3 credits
0101 (26920) MWF..... 1:00pm- 1:50pm (JMZ 3205) Strauch, G.

GERM321H (PermReq) Highlights of German Literature I; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 220 or equivalent.* — 3 credits
0101 (26930) MWF..... 1:00pm- 1:50pm (JMZ 3205) Strauch, G.

GERM322 Highlights of German Literature II; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 220 or equivalent.* — 3 credits
0101 (26940) MWF.....10:00am-10:50am (COL 3110) STAFF

GERM348A Germanic Literatures in Translation: Yiddish Culture---The Holocaust in Film and Literature; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 (26950) W..... 2:00pm- 4:45pm (JMZ 0220) Bilik, D.

GERM368 Scandinavian Civilization: Scandinavian Civilization; Grade Method: REG/P-F/AUD. — 3 credits
0101 (26960) TuTh..... 2:00pm- 3:15pm (SCP 1120) Oster, R.

GERM372 Ancient Celtic Culture and Civilization; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits
0101 (26970) TuTh..... 3:30pm- 4:45pm (JMZ 2206) Fleck, J.

GERM381 German Civilization I; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits
0101 (26980) MWF.....11:00am-11:50am (SYM 1308) STAFF

GERM382 German Civilization II; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits
0101 (26990) MWF..... 1:00pm- 1:50pm (JMZ 0120) Walker, R.

GERM384 Germanic Chivalric Culture; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits
0101 (27000) TuTh..... 2:00pm- 3:15pm (JMZ 2206) Fleck, J.

GERM386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

GERM389R Topics in Germanic Culture: Reason and Faith; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 (27022) TuTh..... 2:00pm- 3:15pm (JMZ 3203) Best, O.

GERM397H (PermReq) Honors Reading (Independent Study); Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Students must have department's permission before registering. — 3 credits

GERM401 Advanced Conversation; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 302 or equivalent.* — 3 credits
0101 (27044) TuTh.....12:30pm- 1:45pm (JMZ 2123) Best, O.

GERM403 Advanced Composition; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 302 or equivalent.* — 3 credits
0101 (27054) TuTh..... 2:00pm- 3:15pm (JMZ 2125) Beicken, P.

GERM403H Advanced Composition; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 302 or equivalent.* — 3 credits
0101 (27064) TuTh..... 2:00pm- 3:15pm (JMZ 2125) Beicken, P.

GERM411 German for International Business I; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 302 or equivalent or permission of department.* — 3 credits
0101 (27074) MWF.....12:00pm-12:50pm (JMZ 0105) STAFF

GERM424 Classicism; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 321 and GERM 322, or permission of department.* — 3 credits
0101 (27084) MWF.....10:00am-10:50am (KEY 0116) Richter, S.

GERM435 From 1945 to the Present; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 321 and GERM 322, or permission of department.* — 3 credits
0101 (27094) TuTh..... 3:30pm- 4:45pm (JMZ 2117) Beicken, P.

GERM435H From 1945 to the Present; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 321 and GERM 322, or permission of department.* — 3 credits
0101 (27104) TuTh..... 3:30pm- 4:45pm (JMZ 2117) Beicken, P.

GERM449W Selected Topics in Germanic Studies: Literature and Culture in the 15th and 16th Century; Grade Method: REG/P-F/AUD. — 3 credits
0101 (27114) MWF..... 2:00pm- 2:50pm (JMZ 3205) Walker, R.

GERM481 Reading Swedish, Danish and Norwegian I; Grade Method: REG/P-F/AUD. *Not open to students who have completed GERM 148S, GERM 149S, GERM 148D, GERM 149D, GERM 148N or GERM 149N.* — 3 credits
0101 (27124) M..... 1:00pm- 3:30pm (JMZ 0125) Oster, R.

GERM489 (PermReq) Directed Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GERM618 College Teaching of German; Grade Method: REG. — 1 credit
0101 (27146) Time and room to be arranged Pfister, G.

GERM620 Methods of German Literary Studies I: Theory; Grade Method: REG/AUD. — 3 credits
0101 (27156) Tu..... 5:00pm- 7:40pm (JMZ 3207) Best, O.

GERM634 German Drama; Grade Method: REG/AUD. — 3 credits
0101 (27166) M..... 5:00pm- 7:40pm (JMZ 1122) Richter, S.

GERM689N Special Topics - M.A. Level: German Literature European; Grade Method: REG/AUD. — 3 credits
0101 (27176) M..... 2:30pm- 5:00pm (JMZ 3207) Greene-Gantzber

GERM689P Special Topics - M.A. Level: German Phonology; Grade Method: REG/AUD. — 3 credits
0101 (27186) WF..... 2:00pm- 3:15pm (JMZ 3207) Fagan, S.

GERM689T Special Topics - M.A. Level: Tacitus Germania: Religion, History, and Culture of the Early Germanic Tribes; Grade Method: REG/AUD. — 3 credits
0101 (27196) TuTh..... 3:30pm- 4:45pm (JMZ 2125) Oster, R.

GERM798 (PermReq) Master's Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

0101: Beicken, Peter 0201: Best, Otto 0301: Bilik, Dorothy 0401: Fagan, Sarah 0501: Fleck, Jere 0601: Frederiksen, Elke 0701: Greene-Gantzberg, Vivian 0801: Oster, Rose-Marie 0901: Pfister, Guenter 1001: Richter, Simon 1101: Strauch, Gabriele: 1201 Walker, Richard.

GERM799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GERM819 Seminar: The 16th and 17th Centuries: Barock-Lyrik; Grade Method: REG/AUD. — 3 credits
0101 (27251) TuTh..... 2:00pm- 3:15pm (JMZ 1109) Becker-Cantarin

GERM829 Seminar: The 19th Century: Literatur und Kultur im Kaiserreich (1870-1914); Grade Method: REG/AUD. — 3 credits

0101 (27241) Th..... 5:00pm- 7:50pm (JMZ 3205) Frederiksen, E.

GERM898 (PermReq) — Doctoral Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GERM899 — Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

GNED General Education (Undergraduate Studies)

GNED100 — The Anatomy of Knowing: The University and Its Curriculum; Grade Method: REG/P-F/AUD. *Open to students with freshman and sophomore standing.* — 3 credits

0101 (27325) MWF..... 9:00am- 9:50am (ARM 0112) Curry, K.
0201 (27326) MWF.....10:00am-10:50am (ARM 0112) Curry, K.

GREK Greek (Arts and Humanities)

GREK101 — Elementary Ancient Greek I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *A student who has had two units of Greek in high school may register for GREK 101 for purposes of review but not for credit.* Classical and New Testament Greek. For Modern Greek, see FOLA 108G - a regular instruction course meeting 3 times a week. — 4 credits

0101 (27387) MWF.....12:00pm-12:50pm (HZF 1101) Stehle, E.
M..... 1:00pm- 1:50pm (HZF 1101)

GREK201 — Intermediate Ancient Greek; Grade Method: REG/P-F/AUD. *Prerequisite: GREK 102 or equivalent.* — 4 credits

0101 (27397) MWF.....12:00pm-12:50pm (HZF 1106) Lee, H.
M..... 1:00pm- 1:50pm (HZF 1106)

GREK488 — Greek Readings: Greek Historians; Grade Method: REG/P-F/AUD. — 3 credits

0101 (27407) M..... 6:00pm- 8:40pm (JMZ 1109) Doherty, L.

GREK499 (PermReq) — Independent Study in Greek Language and Literature; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GREK806 — Greek Historians; Grade Method: REG/AUD. — 3 credits

0101 (27422) M..... 6:00pm- 8:40pm (JMZ 1109) Doherty, L.

GREK899 (PermReq) — Independent Study in Greek Literature; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GVPT Government and Politics (Behavioral and Social Sciences)

GVPT100 — Principles of Government and Politics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits

0101 (27486) MW.....11:00am-11:50am (ARC 0204) Lanning, E.
Th..... 3:00pm- 3:50pm (DNC 1139B) Dis
0102 (27487) MW.....11:00am-11:50am (ARC 0204) Lanning, E.
Th..... 2:00pm- 2:50pm (DNC 1147A) Dis
0103 (27488) MW.....11:00am-11:50am (ARC 0204) Lanning, E.
Th..... 2:00pm- 2:50pm (DNC 1139B) Dis
0104 (27489) MW.....11:00am-11:50am (ARC 0204) Lanning, E.
Th..... 4:00pm- 4:50pm (DNC 1139B) Dis
0105 (27490) MW.....11:00am-11:50am (ARC 0204) Lanning, E.
F..... 9:00am- 9:50am (ARC 1127) Dis
0106 (27491) MW.....11:00am-11:50am (ARC 0204) Lanning, E.
F.....10:00am-10:50am (WDS 1130) Dis
0107 (27492) MW.....11:00am-11:50am (APC 0204) Lanning, E.
F..... 9:00am- 9:50am (KEY 0125) Dis
0108 (27493) MW.....11:00am-11:50am (ARC 0204) Lanning, E.
F.....10:00am-10:50am (LEF 1220) Dis
0201 (27494) MWF..... 1:00pm- 1:50pm (LEF 1221) $TAFF
0301 (27495) MWF..... 9:00am- 9:50am (LEF 1221) $TAFF
0401 (27496) MWF.....10:00am-10:50am (LEF 1221) STAFF
0501 (27497) TuTh..... 9:30am-10:45am (LEF 1201) STAFF
0601 (27498) TuTh..... 2:00pm- 3:15pm (WDS 1127) STAFF
0701 (27499) TuTh.....11:00am-12:15pm (WDS 1127) STAFF

GVPT100H (PermReq) — Principles of Government and Politics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. Limited to prospective general and government honors students. — 3 credits

0101 (27510) Tu.....12:30pm- 3:15pm (LEF 2138H) Elkin, S.
0201 (27511) Th.....12:30pm- 3:15pm (LEF 2123) Elkin, S.

GVPT170 — American Government; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits

0101 (27521) TuTh.....11:00am-11:50am (LEF 2205) Gimpel, J.
Th..... 3:00pm- 3:50pm (ARM 0103) Dis
0102 (27522) TuTh.....11:00am-11:50am (LEF 2205) Gimpel, J.
Th..... 4:00pm- 4:50pm (TYD 1101) Dis
0103 (27523) TuTh.....11:00am-11:50am (LEF 2205) Gimpel, J.
Th..... 3:00pm- 3:50pm (ARM 0120) Dis
0104 (27524) TuTh.....11:00am-11:50am (LEF 2205) Gimpel, J.
Th..... 4:00pm- 4:50pm (TYD 1132) Dis
0105 (27525) TuTh.....11:00am-11:50am (LEF 2205) Gimpel, J.
F.....10:00am-10:50am (LEF 2138) Dis
0106 (27526) TuTh.....11:00am-11:50am (LEF 2205) Gimpel, J.
F.....11:00am-11:50am (PHY 4220) Dis
0107 (27527) TuTh.....11:00am-11:50am (LEF 2205) Gimpel, J.
F..... 9:00am- 9:50am (LEF 2138) Dis
0108 (27528) TuTh.....11:00am-11:50am (LEF 2205) Gimpel, J.
F.....10:00am-10:50am (TYD 1114) Dis
0201 (27529) TuTh.....12:00pm-12:50pm (LEF 2205) Vietri, L.
Tu..... 2:00pm- 2:50pm (DNC 1147A) Dis
0202 (27530) TuTh.....12:00pm-12:50pm (LEF 2205) Vietri, L.
Tu..... 4:00pm- 4:50pm (HZF 1101) Dis
0203 (27531) TuTh.....12:00pm-12:50pm (LEF 2205) Vietri, L.
Tu..... 1:00pm- 1:50pm (ARC 1127) Dis
0204 (27532) TuTh.....12:00pm-12:50pm (LEF 2205) Vietri, L.
W.....12:00pm-12:50pm (LEF 1220) Dis
0205 (27533) TuTh.....12:00pm-12:50pm (LEF 2205) Vietri, L.
W..... 1:00pm- 1:50pm (LEF 1220) Dis
0206 (27534) TuTh.....12:00pm-12:50pm (LEF 2205) Vietri, L.
Tu..... 2:00pm- 2:50pm (ARC 1123) Dis
0207 (27535) TuTh.....12:00pm-12:50pm (LEF 2205) Vietri, L.
W..... 3:00pm- 3:50pm (TYD 1101) Dis
0208 (27536) TuTh.....12:00pm-12:50pm (LEF 2205) Vietri, L.
W..... 2:00pm- 2:50pm (TYD 1101) Dis
0301 (27537) TuTh.....10:00am-10:50am (LEF 2205) McIntosh, W.
Th..... 2:00pm- 2:50pm (ARC 1123) Dis
0302 (27538) TuTh.....10:00am-10:50am (LEF 2205) McIntosh, W.
Th..... 3:00pm- 3:50pm (COL 3111) Dis
0303 (27539) TuTh.....10:00am-10:50am (LEF 2205) McIntosh, W.
Th..... 4:00pm- 4:50pm (KEY 0125) Dis
0304 (27540) TuTh.....10:00am-10:50am (LEF 2205) McIntosh, W.
F..... 9:00am- 9:50am (WDS 1131) Dis
0305 (27541) TuTh.....10:00am-10:50am (LEF 2205) McIntosh, W.
F..... 9:00am- 9:50am (WDS 1130) Dis
0306 (27542) TuTh.....10:00am-10:50am (LEF 2205) McIntosh, W.
F.....10:00am-10:50am (ASY 3211) Dis
0307 (27543) TuTh.....10:00am-10:50am (LEF 2205) McIntosh, W.
F.....10:00am-10:50am (ARC 1123) Dis
0308 (27544) TuTh.....10:00am-10:50am (LEF 2205) McIntosh, W.
F.....11:00am-11:50am (LEF 1220) Dis

GVPT200 — International Political Relations; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. *Prerequisite: GVPT 100. Formerly GVPT 300* — 3 credits

0101 (27556) MW.....11:00am-11:50am (MMH 1400) Haufler, V.
Th..... 2:00pm- 2:50pm (THS 0131) Dis
0102 (27557) MW.....11:00am-11:50am (MMH 1400) Haufler, V.
F.....12:00pm-12:50pm (DNC 1147A) Dis
0103 (27558) MW.....11:00am-11:50am (MMH 1400) Haufler, V.
Th.....11:00am-11:50am (HBK 0103) Dis
0104 (27559) MW.....11:00am-11:50am (MMH 1400) Haufler, V.
Th..... 1:00pm- 1:50pm (JRN 1104) Dis
0105 (27560) MW.....11:00am-11:50am (MMH 1400) Haufler, V.
W..... 2:00pm- 2:50pm (LEF 1221) Dis

GVPT210 — Introduction to Public Administration and Policy; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 170.* — 3 credits

0101 (27570) MWF..... 9:00am- 9:50am (LEF 2208) STAFF
0201 (27571) TuTh..... 9:30am-10:45am (TYD 1102) Vietri, L.

GVPT220 — Introduction to Political Behavior; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. *Prerequisite: GVPT 100 or GVPT 170.* — 3 credits

0101 (27581) MWF.....11:00am-11:50am (LEF 2208) STAFF

GVPT231 — Law and Society; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 170.* — 3 credits

0101 (27591) TuTh..... 1:00pm- 1:50pm (LEF 2205) Soltan, K.
Th..... 2:00pm- 2:50pm (JMZ 2207) Dis
0102 (27592) TuTh..... 1:00pm- 1:50pm (LEF 2205) Soltan, K.
Th..... 3:00pm- 3:50pm (JMZ 2207) Dis
0103 (27593) TuTh..... 1:00pm- 1:50pm (LEF 2205) Soltan, K.
F..... 9:00am- 9:50am (KEV 0126) Dis
0104 (27594) TuTh..... 1:00pm- 1:50pm (LEF 2205) Soltan, K.
F.....10:00am-10:50am (TYD 2100) Dis
0105 (27595) TuTh..... 1:00pm- 1:50pm (LEF 2205) Soltan, K.
Th..... 3:00pm- 3:50pm (COL 3112) Dis

GVPT240 — Political Ideologies; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: GVPT 100.* — 3 credits

0101 (27607) TuTh.....11:00am-12:15pm (ARM 0112) Tismaneanu, V.

GVPT260 — State and Local Government; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 170.* — 3 credits

0101 (27617) TuTh..... 8:00am- 9:15am (LEF 2166) Glendening, P.

GVPT280 — Comparative Politics and Governments; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 100.* — 3 credits

0101 (27627) MW..... 2:00pm- 3:15pm (TYD 1102) Heisler, M.

GVPT282 — The Government and Politics of the Third World; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 100.* See "What's New and Interesting." — 3 credits

0101 (27637) MWF..... 1:00pm- 1:50pm (TYD 1101) Lanning, E.

GVPT288A — Special Topics in Government and Politics: Introduction to International Negotiations; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. — 3 credits

0101 (27647) MW..... 2:00pm- 2:50pm (LEF 2205) Kaufman, J.
W..... 9:00am- 9:50am (LEF 1220) Dis
0102 (27648) MW..... 2:00pm- 2:50pm (LEF 2205) Kaufman, J.
W.....10:00am-10:50am (LEF 1220) Dis
0103 (27649) MW..... 2:00pm- 2:50pm (LEF 2205) Kaufman, J.
W.....11:00am-11:50am (LEF 1220) Dis
0104 (27650) MW..... 2:00pm- 2:50pm (LEF 2205) Kaufman, J.
F..... 9:00am- 9:50am (LEF 1220) Dis
0105 (27651) MW..... 2:00pm- 2:50pm (LEF 2205) Kaufman, J.
M.....10:00am-10:50am (LEF 1220) Dis
0106 (27652) MW..... 2:00pm- 2:50pm (LEF 2205) Kaufman, J.
M.....11:00am-11:50am (LEF 1220) Dis
0107 (27653) MW..... 2:00pm- 2:50pm (LEF 2205) Kaufman, J.
F..... 8:00am- 8:50am (LEF 1220) Dis
0108 (27654) MW..... 2:00pm- 2:50pm (LEF 2205) Kaufman, J.
M..... 3:00pm- 3:50pm (LEF 1220) Dis

GVPT306 — Global Ecopolitics; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: GVPT 200.* — 3 credits

0101 (27664) MW.....10:00am-10:50am (MMH 1400) Pirages, D.
W..... 3:00pm- 3:50pm (LEF 1221) Dis
0102 (27665) MW.....10:00am-10:50am (MMH 1400) Pirages, D.
W..... 3:00pm- 3:50pm (LEF 1220) Dis
0103 (27666) MW.....10:00am-10:50am (MMH 1400) Pirages, D.
Th..... 2:00pm- 2:50pm (ARC 1125) Dis
0104 (27667) MW.....10:00am-10:50am (MMH 1400) Pirages, D.
Th..... 3:00pm- 3:50pm (ARC 1125) Dis
0105 (27668) MW.....10:00am-10:50am (MMH 1400) Pirages, D.
W..... 2:00pm- 2:50pm (LEF 1220) Dis

GVPT341 — Political Morality and Political Action; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 100.* — 3 credits

0101 (27678) MW..... 2:00pm- 3:15pm (LEF 2208) Glass, J.

GVPT378A (PermReq) — Applied Field Research in Government and Politics; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 170 Corequisite: GVPT 377.* Limited to Capitol Hill interns. — 6 credits

0101 (27688) Time and room to be arranged Herrnson, P.

GVPT377A (PermReq) — Seminar For Academic Interns; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 170 Corequisite: GVPT 378.* Limited to Capitol Hill interns. — 3 credits

0101 (27698) M..... 2:00pm- 4:45pm (KEY 0125) Herrnson, P.

GVPT386 (PermReq) — Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

GVPT388 (PermReq) — Topical Investigations; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of Director of Undergraduate Studies. — 3 credits

GVPT390H (PermReq) — Honors Seminar in American Government and Public Administration; Grade Method: REG/P-F/AUD. *Prerequisite: admission to honors program* Limited to students in GVPT or General Honors programs. — 3 credits

0101 (27779) Tu..... 2:00pm- 4:45pm (ANA 0100) Stone, C.

GVPT392H — Honors Seminar in Public Law and Political Theory; Grade Method: REG/P-F/AUD. *Prerequisite: admission to honors program* — 3 credits

0101 (27789) MW..... 2:00pm- 3:15pm (LEF 1210) Glass, J.

GVPT397 (PermReq) — Honors Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: GVPT 396 and admission to GVPT honors program.* — 3 credits

GVPT399B — Seminar in Government and Politics: Regime Change in Latin America; Grade Method: REG/P-F/AUD. — 3 credits

0101 (27857) TuTh..... 2:00pm- 3:30pm (LEF 1222) STAFF

GVPT399E — Seminar in Government and Politics: Comparative Politics of Eurasia; Grade Method: REG/P-F/AUD. — 3 credits

0101 (27847) Tu..... 9:30am-12:15pm (COL 3110) Dawisha, K.

GVPT399F (PermReq) — Seminar in Government and Politics: Workshop on Conflict and Peace Analysis; Grade Method: REG/P-F/AUD. Course limited to intending interns and research assistants at the Center for International Development and Conflict Management. Lab sessions required. — 3 credits

0101 (27857) M..... 2:00pm- 4:45pm (WDS 1114) Davies, J.
Time and room to be arranged Lab

GVPT399H (PermReq) — Seminar in Government and Politics: Presidential Biography; Grade Method: REG/P-F/AUD. — 3 credits

0101 (27867) M..... 2:00pm- 4:45pm (SCP 2120) MacGregor Burns
Time and room to be arranged Dis

GVPT399J — Seminar in Government and Politics: Japanese Management Culture and Technology; Grade Method: REG/P-F/AUD. — 3 credits

0101 (27877) M..... 5:30pm- 6:15pm (LEF 1201) Franda, M.

GVPT399P — Seminar in Government and Politics: Women and Politics; Grade Method: REG/P-F/AUD. — 3 credits

0101 (27898) TuTh..... 2:00pm- 3:15pm (LEF 2208) Strodhoff, T.

GVPT401 — Problems of World Politics; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 200.* — 3 credits

0101 (27909) TuTh..... 9:30am-10:45am (TYD 1101) STAFF

GVPT402 — International Law; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 200.* — 3 credits

0101 (27919) MWF.....11:00am-11:50am (LEF 2166) Piper, D.

GVPT405 — Defense Policy and Arms Control; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: GVPT 200.* — 3 credits

0101 (27929) TuTh..... 9:30am-10:45am (KEY 0116) Quester, G.

GVPT411 — Public Personnel Administration; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 210.* — 3 credits

0101 (27939) TuTh.....12:30pm- 1:45pm (TYD 1101) Ranald, R.

GVPT412 — Public Financial Administration; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 210.* — 3 credits

0101 (27949) TuTh..... 2:00pm- 3:15pm (LEF 2166) Ranald, R.

GVPT429 — Problems in Political Behavior: Telecommunications and International Science Policy; Grade Method: REG/P-F/AUD. — 3 credits

0101 (27970) Th..... 9:30am-12:15pm (LEF 2123) Franda, M.

GVPT429B — Problems in Political Behavior: Formal Theories of Politics; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. — 3 credits

0101 (27980) TuTh.....11:00am-12:15pm (LEF 1221) Lalman, D.

GVPT431 — Introduction to Constitutional Law; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 231.* — 3 credits

0101 (27990) MWF.....11:00am-11:50am (TYD 1102) McCarrick, E.

GVPT432 — Civil Rights and the Constitution; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: GVPT 231* — 3 credits

0101 (28000) TuTh.....11:00am-12:15pm (LEF 2166) STAFF

GVPT438 — The Legal Status of Women; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 231.* — 3 credits

0101 (28010) MWF..... 9:00am- 9:50am (TYD 1101) McCarrick, E.

GVPT441 — History of Political Theory: Ancient and Medieval; Grade Method: RFG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: GVPT 100.* — 3 credits

0101 (28020) M..... 6:00pm- 8:45pm (TYD 1102) STAFF
0201 (28021) TuTh.....12:30pm- 1:45pm (TYD 1102) Alford, C.

GVPT442 — History of Political Theory--Medieval to Recent; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: GVPT 100* — 3 credits

0101 (28032) M..... 6:30pm- 9:15pm (LEF 2208) STAFF
0201 (28033) TuTh.....12:30pm- 1:45pm (LEF 2166) Terchek, R.

GVPT448 — Non-Western Political Thought: Guide of the Perplexed; Grade Method: REG/P-F/AUD. — 3 credits

0101 (28043) TuTh..... 3:30pm- 4:45pm (LEF 1220) Butterworth, C.

GVPT450 — Comparative Study of Foreign Policy Formation; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 200.* — 3 credits

0101 (28053) TuTh.....11:00am-12:15pm (SCP 1120) STAFF

GVPT451 — Foreign Policy of the U.S.S.R.; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 280 or GVPT 282* — 3 credits

0101 (28063) M..... 6:30pm- 9:15pm (TYD 1101) Douse, G.

GVPT455 — Contemporary Middle Eastern Politics; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 280 or GVPT 282* — 3 credits

0101 (28073) TuTh.....11:00am-12:15pm (ARM 0119) Kotob, S.

GVPT461 — Metropolitan Government; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 260* — 3 credits

0101 (28083) TuTh..... 9:30am-10:45am (LEF 2166) Ramsay, M.

GVPT473 — Legislatures and Legislation; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 170* — 3 credits

0101 (28093) TuTh.....12:30pm- 1:45pm (TYD 0117) Uslaner, E.

GVPT475 — The Presidency and the Executive Branch; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 170* — 3 credits

0101 (28103) TuTh.....11:00am-12:15pm (TYD 1101) Davidson, R.

GVPT479A — Problems of American Public Policy: The Politics of the Vietnam War; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. — 3 credits

0101 (28113) W..... 2:00pm- 4:45pm (HBK 4205) Vietri, L.

GVPT480 — Comparative Political Systems; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 280 or GVPT 282* — 3 credits

0101 (28125) TuTh..... 9:30am-10:45am (TYD 0117) STAFF

GVPT822 — Quantitative Methods For Political Science; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. — 3 credits

0101 (28135) Th..... 3:30pm- 6:15pm (LEF 2166) Swistak, P.

GVPT708 — Seminar in International Relations Theory; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. — 3 credits

0101 (28145) W..... 3:30pm- 6:15pm (LEF 2138H) Phillips, W.

GVPT729 — Special Topics in Quantitative Political Analysis; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. — 3 credits

0101 (28155) Th..... 3:30pm- 6:15pm (LEF 1201) Lalman, D.

GVPT730 — Methods of Formal Political Theory; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. — 3 credits

0101 (28165) Tu..... 3:30pm- 6:15pm (TYD 1101) Swistak, P.

GVPT741 — Political Theory; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. — 3 credits

0101 (28175) Th..... 6:30pm- 9:15pm (LEF 1201) Butterworth, C.

GVPT770 — Seminar in American Political Institutions; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. — 3 credits

0101 (28185) Tu..... 6:30pm- 9:15pm (LEF 2138) Uslaner, E.

GVPT780 — Seminar in the Comparative Study of Politics; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. — 3 credits

0101 (28195) W..... 3:30pm- 6:15pm (LEF 2123) STAFF

GVPT799 — Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. — 1-6 credits

GVPT804 — Seminar in Law, Morality, and War; Grade Method: REG/AUD. *Recommended: GVPT 708* For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. — 3 credits

0101 (28241) W.....12:30pm- 3:15pm (LEF 2123) Piper, D.

GVPT808 — Selected Topics in Functional Problems in International Relations: Conflict and Negotiation; Grade Method: REG/AUD. For GVPT majors — 3 credits

only. For all non-GVPT students, written permission of instructor and department is required.

0101 (28251) M.....12:30pm- 3:15pm (LEF 2138) STAFF

GVPT808C Selected Topics in Functional Problems in International Relations: Research Seminar in Political Economy; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 3 credits

0101 (28261) Tu..... 3:30pm- 6:15pm (LEF 2123) Haufler, V.

GVPT808E Selected Topics in Functional Problems in International Relations; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 3 credits

0101 (28271) W..... 3:30pm- 6:15pm (TYD 1132) Pirages, D.

GVPT808F Selected Topics in Functional Problems in International Relations: Workshop on Conflict and Peace Analysis; Grade Method: REG/AUD. Lab time is required. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 3 credits

0101 (28281) M..... 4:00pm- 6:15pm (LEF 1221) Davies, J.
Time and room to be arranged Dis

GVPT808G Selected Topics in Functional Problems in International Relations: Topical Issues in Global Human Rights Research; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 3 credits

0101 (28291) W..... 6:30pm- 9:15pm (LEF 1221) Kaufman, E.

GVPT808I Selected Topics in Functional Problems in International Relations; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 3 credits

0101 (28301) Th.....12:30pm- 3:15pm (TYD 1136) STAFF

GVPT828A Selected Problems in Political Behavior; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 3 credits

0101 (28311) Th..... 3:30pm- 6:15pm (LEF 2123) Soltan, K.

GVPT828G Selected Problems in Political Behavior: Seminar on Sectionalism in American Political Development; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of the department and instructor is required. 3 credits

0101 (28321) M..... 3:30pm- 6:15pm (LEF 2166) Gimpel, J.

GVPT831 Formal Theories of Politics I; Grade Method: REG/AUD. *Recommended GVPT 730 and courses in logic or algebra.* For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 3 credits

0101 (28331) W..... 3:30pm- 6:15pm (LEF 2207) Oppenheimer, J.

GVPT841 Great Political Thinkers; Grade Method: REG/AUD. *Prerequisite: GVPT 441.* For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 3 credits

0101 (28341) W..... 6:30pm- 9:30pm (LEF 2176) Glass, J.

GVPT848A Current Problems in Political Theory; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 3 credits

0101 (28351) Tu..... 6:30pm- 9:15pm (LEF 2207) Alford, C.

GVPT848B Current Problems in Political Theory; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 3 credits

0101 (28361) Tu..... 6:30pm- 9:15pm (LEF 2138H) Terchek, R.

GVPT857 Seminar in American Foreign Relations; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 3 credits

0101 (28371) M.....12:30pm- 3:15pm (LEF 2123) Quester, G.

GVPT859B Selected Topics in Public Policy: Wealth, Poverty, and Public Policy; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 3 credits

0101 (28381) W..... 5:30pm- 6:15pm (LEF 1210) Williams, L.

GVPT868 Political Economy of Transition to Market-Based Democracy; Grade Method: REG/AUD. *Recommended GVPT 760, GVPT 761.* For GVPT majors only. For all non-GVPT majors, written permission of instructor and department is required. 3 credits

0101 (28391) M..... 6:30pm- 9:15pm (LEF 1221) STAFF

GVPT868 Problems of State and Local Government; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 3 credits

0101 (28401) Tu..... 5:30pm- 8:15pm (TYD 1102) Marando, V.

GVPT877 The Politics of the Presidency; Grade Method: REG/AUD. *Recommended: GVPT 770.* For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 3 credits

0101 (28411) Th..... 5:30pm- 6:15pm (LEF 1210) Davidson, R.

GVPT878 Problems in American Government and Politics; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 3 credits

0101 (28421) Tu..... 5:30pm- 6:15pm (LEF 2166) STAFF

GVPT880 Civil Conflict: Theory and Research; Grade Method: REG/AUD. *Recommended: GVPT 780.* For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 3 credits

0101 (28431) MW.....12:00pm- 1:15pm (LEF 1210) Gurr, T.

GVPT886 Comparative Governmental Institutions: Europe; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 3 credits

0101 (28441) W..... 5:30pm- 6:15pm (LEF 2176) Heisler, M.

GVPT888 Selected Topics in Comparative Governmental Institutions; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 3 credits

0101 (28451) Tu..... 5:30pm- 6:15pm (TYD 0117) Tismaneanu, V.

GVPT889 Selected Topics in Area Problems in International Relations: Domestic Sources of Foreign Policy in the Countries of Eurasia; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 3 credits

0101 (28461) Th.....12:30pm- 3:15pm (ARM 0108) STAFF

GVPT898 (PermReq) Readings in Government and Politics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 3 credits

GVPT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 1-8 credits

HEBR Hebrew (Arts and Humanities)

Students who have no knowledge of Hebrew should register for HEBR 111. Students who have studied Hebrew elsewhere are required to consult N. Levy for courses HEBR 211 and 212 or consult Professor Berlin on questions of placement above the HEBR 212 level.

HEBR111 Elementary Hebrew I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. For beginners. This course meets six hours per week for 6 credits. 6 credits

0201 (28596) MWF.....11:00am-12:50pm (JMZ 1104) Liberman, E.
0301 (28597) MWF..... 9:00am-10:50am (HBK 1112) STAFF
0401 (28598) MWF.....11:00am-12:50pm (JMZ 2117) Liberman, R.

HEBR211 Intermediate Hebrew I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: HEBR 112 or equivalent.* Individual testing required for placement first week of class. 6 credits

0101 (28608) MWF.....11:00am-12:50pm (JMZ 2206) Levy, N.

HEBR224 The Hebrew Bible: Poetry and Rhetoric; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits

0101 (28618) TuTh.....12:30pm- 1:45pm (JMZ 0120) Berlin, A.

HEBR231 Jewish Literature in Translation; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits

0101 (28628) MWF..... 2:00pm- 2:50pm (JMZ 2122) STAFF

HEBR313 Conversation and Composition I; Grade Method: REG/P-F/AUD. *Prerequisite: HEBR 212 or equivalent.* 3 credits

0101 (28648) MWF..... 1:00pm- 1:50pm (JMZ 1104) Levy, N.

HEBR381 Advanced Conversation and Composition; Grade Method: REG/P-F/AUD. *Prerequisite: HEBR 314 or permission of department.* 3 credits

0101 (28658) Time and room to be arranged Levy, N.

HEBR401 Introduction to Classical Hebrew I; Grade Method: REG/P-F/AUD. 3 credits

0101 (28668) Time and room to be arranged Berlin, A.

HEBR434 Jewish Literature in the Second Temple Period; Grade Method: REG/P-F/AUD. 3 credits

0101 (28678) MWF.....11:00am-11:50am (JMZ 0120) STAFF

HEBR440 Reconstructing the Civilization of Ancient Mesopotamia; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: one course in premodern history or non-western literature.* 3 credits

0101 (28688) W..... 2:00pm- 4:30pm (JMZ 2206) Cohen, M.

HEBR441 Studies in Classical Hebrew and Epigraphy; Grade Method: REG/P-F/AUD. *Prerequisite: HEBR 212 or equivalent.* 3 credits

0101 (28698) Time and room to be arranged Berlin, A.

HEBR498I (PermReq) Special Topics in Hebrew; Grade Method: REG. 3 credits

0101 (28708) Time and room to be arranged Levy, N.

HEBR498S Special Topics in Hebrew: The Philosophy of Spinoza; Grade Method: REG/P-F/AUD. 3 credits

0101 (28718) Tu..... 2:00pm- 4:30pm (JMZ 1104) Manekin, C.

HESP Hearing and Speech Sciences (Behavioral and Social Sciences)

HESP120 Introduction to Linguistics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits

0101 (28778) TuTh..... 8:00am- 9:15am (LEF 1201) Schulz, G.

HESP202 Introduction to Hearing and Speech Sciences; Grade Method: REG/P-F/AUD. Hearing and speech majors and non-majors. 3 credits

0101 (28788) MWF..... 9:00am- 9:50am (LEF 2205) Ratner, N.

HESP300 Introduction to Psycholinguistics; Grade Method: REG/P-F/AUD. *Prerequisite: HESP 202.* 3 credits

0101 (28798) TuTh.....11:00am-12:15pm (JMZ 0105) Dingwall, W.

HESP305 Anatomy and Physiology of the Speech Mechanism; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisite: HESP 202.* Course chairman: McCall, Gerald. This course is taught in the fall semester only. 3 credits

0101 (28808) MWF.....10:00am-10:50am (LEF 2166) McCall, G.

HESP388 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3-6 credits

HESP400 Speech and Language Development in Children; Grade Method: REG/P-F/AUD. *Prerequisite: HESP 300.* 3 credits

0101 (28831) TuTh..... 9:30am-10:45am (LEF 2208) Yeni-Komshian,

HESP403 Introduction to Phonetic Science; Grade Method: REG/P-F/AUD. *Prerequisite: HESP 305.* 3 credits

0101 (28841) MW..... 8:00am- 9:15am (LEF 1201) STAFF

HESP407 Bases of Hearing Science; Grade Method: REG/P-F/AUD. *Prerequisite: HESP 311.* This course is taught in the fall semester only. 3 credits

0101 (28851) Tu..... 5:15pm- 7:45pm (LEF 2205) STAFF

HESP411 Introduction to Audiology; Grade Method: REG/P-F/AUD. *Prerequisite: HESP 311.* This course is taught in the fall semester only. 3 credits

0101 (28861) TuTh.....12:30pm- 1:45pm (LEF 1201) Balfour, P.

HESP417 Principles and Methods in Speech-Language Pathology and Audiology; Grade Method: REG/P-F/AUD. *Prerequisite: HESP 402, HESP 411.* This course is team taught by E.Brigham and K. Hart-Litz. Course taught in fall only. 3 credits

0101 (28871) MF..... 1:00pm- 1:50pm (LEF 1201) Brigham, E.
W.....12:00pm- 1:50pm (LEF 1201) Lab

HESP489 (PermReq) Independent Study: Topics in the Hearing and Speech Sciences; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HESP600 (PermReq) Instrumentation in Hearing and Speech Sciences; Grade Method: REG/AUD. *Prerequisite: permission of department.* This course is taught in the fall semester only. 3 credits

0101 (28894) Tu..... 5:30pm- 6:00pm (LEF 0104A) STAFF

HESP606 Basic Hearing Measurements; Grade Method: REG/AUD. *Prerequisite: HESP 411 or equivalent.* This course is taught in the fall semester only. 3 credits

0101 (28904) F..... 1:00pm- 5:30pm (LEF 0135) Gordon-Salant,

HESP610 Aphasia; Grade Method: REG/AUD. This course is taught in the fall semester only. 3 credits

0101 (28914) M..... 5:30pm- 6:00pm (LEF 0135) STAFF

HESP612 (PermReq) Fluency Disorders; Grade Method: REG/AUD. *Prerequisite: permission of department.* This course is taught in the fall semester only. 3 credits

0101 (28924) Tu..... 1:00pm- 5:30pm (LEF 0135) Ratner, N.

HESP614 (PermReq) Orofacial Anomalies; Grade Method: REG/AUD. *Prerequisite: permission of department.* This course is taught in the fall semester only. 3 credits

0101 (28934) M..... 1:00pm- 5:30pm (LEF 0135) McCall, G.

HESP616 Language Disorders in Children; Grade Method: REG/AUD. *Prerequisite: HESP 400 or equivalent or permission of department.* This course is taught in the fall semester only. 3 credits

0101 (28944) Th..... 1:00pm- 5:30pm (LEF 0135) Roth, F.

HESP630 Electrophysiological Measurements; Grade Method: REG/AUD. *Prerequisite: HESP 606 or permission of department.* This course is taught in the fall semester only. 3 credits

0101 (28954) W..... 5:30pm- 6:00pm (LEF 0135) Balfour, P.

HESP638 (PermReq) Research Practicum; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HESP648A (PermReq) Clinical Practice in Speech: Diagnostic Procedures; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Roth. Majors only. 1 credit

HESP648B (PermReq) Clinical Practice in Speech: Therapeutic Procedures; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Roth. Majors only. 1-2 credits

HESP649A (PermReq) Clinical Practice in Audiology: Diagnostic Audiology; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only. 1-2 credits

HESP649B (PermReq) Clinical Practice in Audiology: Aural Rehabilitation; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only. 1-2 credits

HESP702 Diagnostic Procedures in Speech-Language Pathology; Grade Method: REG/AUD. This course is taught in the fall semester only. 3 credits

0101 (29029) W..... 9:30am-12:00pm (LEF 0135) Roth, F.

HESP706 Advanced Clinical Audiology; Grade Method: REG/AUD. *Prerequisite: HESP 606 or equivalent.* This course is taught in the fall semester only. 3 credits

0101 (29039) Th..... 5:30pm- 6:00pm (LEF 0135) STAFF

HESP708 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HESP724 Research Design; Grade Method: REG/AUD. *Prerequisite: a course in basic statistics.* This course is taught in the fall semester only. 3 credits

0101 (29062) Tu..... 5:30pm- 6:00pm (LEF 0135) Yeni-Komshian,

HESP726 (PermReq) Advanced Clinical Practice in Speech: Advanced Graduate Laboratory Practicum in Speech-Language Pathology; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Ratner. Majors only. 1-8 credits

HESP729 (PermReq) Advanced Clinical Practice in Audiology: Advanced Graduate Laboratory Practicum in Audiology; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only. 1-8 credits

HESP799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HESP858A (PermReq) Seminar in Speech Pathology: Cognition and Language; Grade Method: REG/AUD. Prerequisite: permission of instructor. 3 credits

0101 (29111) TBA (LEF 0135) Yeni-Komshian,

HESP899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

HISP Historic Preservation (Architecture)

HISP600 Seminar in Historic Preservation; Grade Method: REG/AUD. 3 credits

0101 (29183) Tu..... 6:00pm- 8:30pm (ARC 1215) Fogle, D.
Time and room to be arranged Dis

HISP619 (PermReq) Special Topics in Historic Preservation: Measured Drawing for Historic Preservation; Grade Method: REG/AUD. 3 credits

0101 (29193) Tu..... 6:00pm- 9:00pm (ARC 1105) STAFF

HISP700 Final Seminar in Historic Preservation; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section 3 credits

number.

HIST History (Arts and Humanities)

HIST110 The Ancient World; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A: Cultural and Historical Course. *Formerly HIST 130.* Discussion section will be assigned at first lecture. — 3 credits
0101 (29253) TuTh.....12:00pm-12:50pm (KEY 0106) Holum, K.
Time and room to be arranged Dis

HIST111 The Medieval World; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A: Cultural and Historical Course. *Formerly HIST 131.* Discussion section will be assigned at first lecture. — 3 credits
0101 (29263) MW.....11:00am-11:50am (KEY 0106) Spiegel, G.
Time and room to be arranged Dis

HIST112 The Rise of the West: 1500 - 1789; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A: Cultural and Historical Course. *Formerly HIST 132.* Discussion section will be assigned at first lecture. — 3 credits
0101 (29273) MW.....10:00am-10:50am (KEY 0102) Williams, W.
Time and room to be arranged Dis

HIST113 Modern Europe: 1789 - Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A: Cultural and Historical Course. *Formerly HIST 133.* Discussion section will be assigned at first lecture. — 3 credits
0101 (29283) MW..... 2:00pm- 2:50pm (KEY 0106) Wetzell, R.
Time and room to be arranged Dis

HIST120 Islamic Civilization; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. USP Distributive Studies Area A: Cultural and Historical Course. *Formerly HIST 280.* Discussion sections assigned at first lecture. — 3 credits
0101 (29293) TuTh.....10:00am-10:50am (KEY 1117) Zilfi, M.
Time and room to be arranged Dis

HIST122 African Civilization; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Formerly HIST 290.* Discussion section will be assigned at first lecture. — 3 credits
0101 (29303) MW..... 9:00am- 9:50am (KEY 0102) Brayman, W.
Time and room to be arranged Dis

HIST156 History of the United States to 1865; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A: Cultural and Historical Course. Discussion sections will be assigned at first lecture. — 3 credits
0101 (29313) MW.....10:00am-10:50am (KEY 0106) Berlin, I.
Time and room to be arranged Dis
0201 (29314) TuTh.....10:00am-10:50am (KEY 0106) Bradbury, M.
Time and room to be arranged Dis
0301 (29315) TuTh..... 9:00am- 9:50am (KEY 0106) STAFF
Time and room to be arranged Dis

HIST156H History of the United States to 1865; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits
0101 (29325) MW.....10:00am-10:50am (KEY 0106) Berlin, I.
M.....12:00pm-12:50pm (KEY 1118) Dis

HIST157 History of the United States Since 1865; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits
0101 (29335) MW..... 1:00pm- 1:50pm (KEY 0106) STAFF
Time and room to be arranged Dis
0201 (29336) MW.....12:00pm-12:50pm (KEY 0106) Moss, A.
Time and room to be arranged Dis
0301 (29337) TuTh.....11:00am-11:50am (KEY 0106) STAFF
Time and room to be arranged Dis

HIST174 Introduction to the History of Science; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A: Cultural and Historical Course. *Formerly HIST 200.* — 3 credits
0101 (29348) TuTh..... 2:00pm- 2:50pm (CSS 2324) Brush, S.
Time and room to be arranged Dis

HIST175 Science and Technology in Western Civilization; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A: Cultural and Historical Course. *Formerly HIST 201.* — 3 credits
0101 (29358) TuTh..... 2:00pm- 2:50pm (KEY 0106) Friedel, R.
Time and room to be arranged Dis

HIST180 The Chinese World; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29368) TuTh..... 2:00pm- 3:15pm (TYD 1114) Thompson, R.

HIST212 Women in Western Europe, 1750-Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. CORE Cultural Diversity Course. — 3 credits
0101 (29398) TuTh..... 1:00pm- 1:50pm (KEY 0106) Gullickson, G.
Time and room to be arranged Dis

HIST218A Special Topics in History: American Film and Society, World War I to World War II; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29408) MW.....10:00am-12:00pm (KEY 1117) Grimsted, D.
Time and room to be arranged Dis

HIST224 Modern Military History, 1494-1815; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29458) TuTh.....10:00am-10:50am (KEY 0102) Sumida, J.
Time and room to be arranged Dis

HIST234 History of Britain to 1485; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits
0101 (29468) TuTh..... 9:00am- 9:50am (KEY 0102) Cockburn, J.
Time and room to be arranged Dis

HIST251 Latin American History II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. CORE Cultural Diversity Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits
0101 (29478) TuTh..... 1:00pm- 1:50pm (KEY 0102) Wright, W.
Time and room to be arranged Dis

HIST275 Law and Constitutionalism in American History; Grade Method: REG. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits
0101 (29488) MWF.....10:00am-10:50am (KEY 0125) Henretta, J.

HIST282 History of the Jewish People I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. CORE Cultural Diversity Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits
0101 (29498) TuTh.....11:00am-11:50am (MMH 1400) Cooperman, B.
Time and room to be arranged Dis

HIST306 History of Religion in America; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29508) TuTh.....12:30pm- 1:45pm (KEY 0124) Bradbury, M.
Time and room to be arranged Dis

HIST309A Proseminar in Historical Writing: Chesapeake Society in the 17th and 18th Century; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29518) Tu..... 1:00pm- 3:00pm (KEY 3111) Evans, E.
Time and room to be arranged Dis

HIST309B Proseminar in Historical Writing: Historical Writing in the Middle Ages; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29528) W..... 2:00pm- 4:00pm (KEY 0107) Spiegel, G.
Time and room to be arranged Dis

HIST309C Proseminar in Historical Writing: Twentieth Century Women; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29538) W..... 1:00pm- 3:00pm (KEY 1118) Muncy, R.
Time and room to be arranged Dis

HIST309D Proseminar in Historical Writing: Diplomatic History; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29548) M..... 2:00pm- 4:00pm (KEY 0107) STAFF
Time and room to be arranged Dis

HIST309E Proseminar in Historical Writing: Jewish History; Grade Method: REG/P-F/AUD. CORE Capstone Course. — 3 credits
0101 (29558) Th..... 2:00pm- 4:00pm (KEY 0107) Cooperman, B.
Time and room to be arranged Dis

HIST309F Proseminar in Historical Writing: United States Labor History; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29568) M.....10:00am-12:00pm (KEY 0107) Kaufman, S.
Time and room to be arranged Dis

HIST309G Proseminar in Historical Writing: Weimar and Nazi Germany; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29578) W.....10:00am-12:00pm (KEY 0107) Wetzell, R.
Time and room to be arranged Dis

HIST309I Proseminar in Historical Writing: Tudor Stuart England; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29588) Tu..... 2:00pm- 4:00pm (KEY 0107) Breslow, M.
Time and room to be arranged Dis

HIST309J Proseminar in Historical Writing: Modern Middle East; Grade Method: REG/P-F/AUD. CORE Capstone Course. — 3 credits
0101 (29598) Tu..... 1:00pm- 3:00pm (KEY 1118) Zilfi, M.
Time and room to be arranged Dis

HIST312A Crisis and Change in the United States: The Changing Urban Scene; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 (29608) MWF..... 9:00am- 9:50am (KEY 0106) Fleck, J.

HIST312B Crisis and Change in the United States: Dynamics of Federal Indian Policies; Grade Method: REG/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 (29618) MW..... 2:00pm- 3:15pm (KEY 0103) Nicklason, F.

HIST316A Crisis and Change in Latin America: Slavery and Race Relations in Latin America; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. CORE Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 (29628) TuTh..... 3:30pm- 4:45pm (KEY 0103) Wright, W.

HIST319A Special Topics in History: Transformation of Modern China; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29638) Tu..... 4:00pm- 6:00pm (KEY 0107) Thompson, R.
Time and room to be arranged Dis

HIST319D Special Topics in History: World War II in the Pacific and East Asia: A Film History; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29648) Tu..... 2:00pm- 4:00pm (KEY 1117) Mayo, M.
Th..... 2:00pm- 3:15pm (KEY 1117)
Time and room to be arranged Dis

HIST319G Special Topics in History: Scandinavian Civilization; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29658) TuTh..... 2:00pm- 3:15pm (SCP 1120) Oster, R.

HIST324 Classical Greece; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29668) TuTh..... 2:00pm- 3:15pm (KEY 0103) Holum, K.
Time and room to be arranged Dis

HIST326 The Roman Republic; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29678) MW..... 2:00pm- 3:15pm (KEY 0126) Eckstein, A.
Time and room to be arranged Dis

HIST330 Medieval Civilization I; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29688) TuTh.....11:00am-12:15pm (KEY 0103) Bedos-Rezak, B.
Time and room to be arranged Dis

HIST340 Eastern Europe under Communism; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 (29698) TuTh..... 2:00pm- 3:15pm (KEY 0116) Lampe, J.
Time and room to be arranged Dis

HIST344 The Russian Revolutions of 1917; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29708) TuTh.....12:30pm- 1:45pm (KEY 0126) Phillips, E.
Time and room to be arranged Dis

HIST351 Social History of Washington, D.C.; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29718) MWF.....11:00am-11:50am (KEY 0116) Fleck, J.

HIST366 Between the Wars: the United States, 1918-1945; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29728) TuTh.....12:30pm- 1:45pm (KEY 1117) Shulman, H.

HIST374 Modern Jewish History I: the Road to Emancipation, 1650-1870; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29738) MW..... 2:00pm- 3:15pm (KEY 0116) Rozenblit, M.
Time and room to be arranged Dis

HIST390 Middle East I; Grade Method: REG/P F/AUD. — 3 credits
0101 (29748) TuTh.....12:30pm- 1:45pm (KEY 0103) Stowasser, K.
Time and room to be arranged Dis

HIST395 (PermReq) Honors Colloquium I; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29758) M.....10:00am-12:00pm (KEY 2119) Eckstein, A.

HIST398 Honors Thesis; Grade Method: REG/P-F/AUD. See Director of History Honors Program during first week of classes. — 3 credits
0101 (29768) Th..... 4:00pm- 6:00pm (KEY 0107) Holum, K.
Time and room to be arranged Dis

HIST419A Special Topics in History: Modern Europe; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29778) TuTh.....12:30pm- 1:45pm (KEY 0125) STAFF
Time and room to be arranged Dis

HIST419B Special Topics in History: Women in Africa; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. — 3 credits
0101 (29788) TuTh..... 2:00pm- 3:15pm (KEY 0126) Perinbam, B.
Time and room to be arranged Dis

HIST419D Special Topics in History: Africa and the Caribbean; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29798) Th..... 2:00pm- 4:00pm (KEY 0120) Leslie, W.
Time and room to be arranged Dis

HIST419E Special Topics in History: Mexico; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29808) Time and room to be arranged STAFF

HIST422 Byzantine Empire I; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29818) MWF.....10:00am-10:50am (KEY 0124) Majeska, G.

HIST424 History of Russia to 1801; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29828) MW..... 2:00pm- 3:15pm (KEY 1117) Majeska, G.
Time and room to be arranged Dis

HIST426 Age of Industry: Britain 1760 to 1914; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29838) TuTh..... 2:00pm- 3:15pm (KEY 0125) Price, R.
Time and room to be arranged Dis

HIST430 Tudor England; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29848) TuTh.....11:00am-12:15pm (KEY 0116) Breslow, M.

HIST436 French Revolution and Napoleon; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29858) MW..... 3:30pm- 4:45pm (KEY 0124) Sutherland, D.
Time and room to be arranged Dis

HIST440 Germany in the Nineteenth Century, 1815-1914; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29868) TuTh.....11:00am-12:15pm (KEY 0125) Harris, J.
Time and room to be arranged Dis

HIST452 Diplomatic History of the United States to 1914; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29878) MW..... 3:30pm- 4:45pm (KEY 0116) STAFF

HIST454 Constitutional History of the United States: From Colonial Origins to 1860; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29888) TuTh.....11:00am-12:15pm (HJP 1229) Belz, H.

HIST456 History of Ideas in America to 1865; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29898) MWF..... 1:00pm- 1:50pm (KEY 0116) Grimsted, D.

HIST467 History of Maryland; Grade Method: REG/P-F/AUD. — 3 credits
0101 (29908) TuTh..... 9:30am-10:45am (KEY 0126) Callcott, G.

HIST499 Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HIST600 Historiography; Grade Method: REG/AUD. — 3 credits
0101 (29974) Th..... 4:30pm- 7:00pm (KEY 1118) Belz, H.
Time and room to be arranged Dis

HIST602 General Seminar: American History; Grade Method: REG/AUD. — 3 credits
0101 (29984) Tu..... 7:00pm- 9:30pm (KEY 1118) Gilbert, J.
Time and room to be arranged Dis
0201 (29985) M..... 4:30pm- 7:00pm (KEY 2119) Muncy, R.
Time and room to be arranged Dis

HIST603 General Seminar: European History; Grade Method: REG/AUD. — 3 credits
0101 (29995) M..... 7:00pm- 9:30pm (KEY 3111) Sutherland, D.
Time and room to be arranged Dis

HIST607 The Teaching of History in Institutions of Higher Learning; Grade Method: S-F. — 1 credit
0101 (30005) Time and room to be arranged Harris, J.

HIST618 Readings in the History of Women: Readings in the History of Women; Grade Method: REG/AUD. — 3 credits
0101 (30016) Tu..... 4:30pm- 7:00pm (KEY 1118) Gullickson, G.
Time and room to be arranged Dis

HIST619A Special Topics in History: Liberalism in Europe and America; Grade Method: REG/AUD. — 3 credits
0101 (30026) M..... 2:00pm- 4:30pm (KEY 3111) Henretta, J.
Time and room to be arranged Dis

HIST619B (PermReq) Special Topics in History: Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HIST619C Special Topics in History: African-American History; Grade Method: REG/AUD. — 3 credits
0101 (30092) M..... 4:30pm- 7:00pm (KEY 2119) Moss, A.
Time and room to be arranged Dis

HIST619D Special Topics in History: Readings in Military History; Grade Method: REG/AUD. — 1-3 credits
0101 (30102) Th..... 2:00pm- 4:30pm (KEY 2119) Sumida, J.
Time and room to be arranged Dis

HIST619F Special Topics in History: Modern Europe; Grade Method: REG/AUD. — 1-3 credits
0101 (30112) Th..... 2:00pm- 4:30pm (KEY 1118) STAFF
Time and room to be arranged Dis

HIST619F Special Topics in History: Research Seminar in Federal Indian Policy; Grade Method: REG/AUD. — 1-3 credits
0101 (30122) M..... 7:00pm- 9:30pm (KEY 2119) Nicklason, F.

HIST619G Special Topics in History: Readings in History of Crime and Punishment; Grade Method: REG/AUD. — 3 credits
0101 (30132) Th..... 7:00pm- 9:30pm (KEY 3111) Cockburn, J.

HIST626 Readings in Colonial American History; Grade Method: REG/AUD. — 3 credits
0101 (30142) Tu..... 4:30pm- 7:00pm (KEY 3111) Evans, E.
Time and room to be arranged Dis

HIST639 Readings in Reconstruction and the New Nation; Grade Method: REG/AUD. — 3 credits
0101 (30152) Th..... 2:00pm- 4:30pm (KEY 3111) Rowland, L.

HIST689 Readings in Southern History: Readings in Southern History; Grade Method: REG/AUD. — 3 credits
0101 (30162) Th..... 4:30pm- 7:00pm (KEY 2119) Callcott, G.
Time and room to be arranged Dis

HIST718 Readings in Medieval History; Grade Method: REG/AUD. — 3 credits
0101 (30172) Tu..... 4:30pm- 7:00pm (KEY 2119) Bedos-Rezak, B.

HIST729 Readings in Modern European History; Grade Method: REG/AUD. — 3 credits
0101 (30182) Th..... 4:30pm- 7:00pm (KEY 3111) Harris, J.
Time and room to be arranged Dis

HIST739 Readings in the History of Great Britain; Grade Method: REG/AUD. — 3 credits
0101 (30192) Tu..... 7:00pm- 9:30pm (KEY 2119) Price, R.
Time and room to be arranged Dis

HIST758 Readings in Eastern European History; Grade Method: REG/AUD. — 3 credits
0101 (30202) Th..... 7:00pm- 9:30pm (KEY 2119) Lampe, J.
Time and room to be arranged Dis

HIST759 Readings in Russian and Soviet History; Grade Method: REG/AUD. — 3 credits
0101 (30212) M..... 4:30pm- 7:00pm (KEY 1118) Foust, C.
Time and room to be arranged Dis

HIST779 Readings in Middle Eastern History; Grade Method: REG/AUD. — 3 credits
0101 (30222) Time and room to be arranged Stowasser, K.
Time and room to be arranged Dis

HIST798 Readings in Jewish History; Grade Method: REG/AUD. — 3 credits
0101 (30232) W..... 4:30pm- 7:00pm (KEY 1118) Rozenblit, M.
Time and room to be arranged Dis

HIST799 Master's Thesis Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HIST808M Seminar in the History of Science and Technology: History and Philosophy of Molecular Biology; Grade Method: REG/AUD. — 3 credits
0101 (30298) Tu..... 4:00pm- 6:30pm (SKN 1116) Darden, L.

HIST888 Seminar in the Middle Period and Civil War; Grade Method: REG/AUD. — 3 credits
0101 (30306) Tu..... 7:00pm- 9:30pm (KEY 3111) Ridgway, W.

HIST890 Seminar in American Intellectual History; Grade Method: REG/AUD. — 3 credits
0101 (30318) M..... 4:30pm- 7:00pm (KEY 3111) Gilbert, J.
Time and room to be arranged Dis

HIST899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

HLHP Health and Human Performance (Health and Human Performance)

HLHP386 (PermReq) Experiential Learning; Grade Method: REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours. Formerly PERH 386.* — 3-6 credits
0101 (30433) Time and room to be arranged Kay, S.

HLHP688 (PermReq) Field Work in Aging; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HLTH Health (Health and Human Performance)

HLTH108 Drug Use and Abuse; Grade Method: REG/P-F/AUD. — 3 credits

0101 (30495) MWF..... 9:00am- 9:50am (HHP 1312) STAFF

HLTH140 Personal and Community Health; Grade Method: REG/P-F/AUD. — 3 credits

0201 (30507) MWF.....11:00am-11:50am (HHP 1301) STAFF
0301 (30508) TuTh.....11:00am-12:15pm (HHP 1303) STAFF
0401 (30509) TuTh.....12:30pm- 1:45pm (HHP 1302) STAFF
0501 (30510) TuTh..... 2:00pm- 3:15pm (HHP 0308) STAFF
0601 (30511) W..... 4:15pm- 6:45pm (HHP 1302) STAFF

HLTH150 First Aid and Emergency Medical Services; Grade Method: REG/P-F/AUD. — 2 credits

0201 (30521) W..... 8:00am- 9:40am (HHP 0302) Swift, R.

HLTH230 Introduction to Health Behavior; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. Offered fall only. — 3 credits

0101 (30531) TuTh..... 2:00pm- 3:15pm (HHP 1302) Hyde, D.

HLTH285 Controlling Stress and Tension; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits

0101 (30541) MWF.....11:00am-11:50am (HHP 1312) Schiraldi, G.
0201 (30542) MWF.....12:00pm-12:50pm (HHP 1312) Schiraldi, G.
0501 (30544) M..... 4:15pm- 6:45pm (HHP 1303) Greenberg, J.

HLTH289 (PermReq) Topical Investigations; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HLTH289D Topical Investigations: Personal and Communities on Alcohol and Drug Use; Grade Method: REG/P-F/AUD. This course is limited to residence hall students only. Course taught in Dorchester Hall, multi purpose room. — 3 credits

0101 (30574) TuTh..... 2:00pm- 3:15pm (Arranged) Shepherd, K.

HLTH340 (PermReq) Curriculum, Instruction and Observation; Grade Method: REG/P-F/AUD. *Prerequisite: HLTH 140, and HLTH 420* Offered fall only. — 3 credits

0101 (30584) M.....10:00am-11:45am (HHP 0301) Sawyer, R.
Time and room to be arranged Lab

HLTH371 Communicating Safety and Health; Grade Method: REG/P-F/AUD. — 3 credits

0101 (30594) TuTh.....11:00am-12:15pm (HHP 0303) Beck, K.

HLTH377 Human Sexuality; Grade Method: REG/P-F/AUD. — 3 credits
Formerly HLTH 477

0101 (30604) TuTh.....11:00am-12:15pm (HHP 1312) Sawyer, R.
0201 (30605) M..... 4:15pm- 6:45pm (HHP 1312) Sawyer, R.

HLTH386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor 56 semester hours* — 3-6 credits

HLTH389 (PermReq) Topical Investigations; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HLTH437 Consumer Behavior; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. *Prerequisites: PSYC 100, and SOCY 100. Also offered as CNEC 437. Credit will be granted for only one of the following: CNEC 437 or HLTH 437* — 3 credits

0201 (30653) TuTh.....11:00am-12:15pm (HHP 0308) Ettenson, R.
0301 (30654) MWF..... 8:00am- 8:50am (MMH 1304) Hacklander, E.

HLTH440 Health Education and Behavioral Approaches to Nutrition; Grade Method: REG/AUD. *Prerequisite: NUTR 100 or equivalent* — 3 credits

0101 (30664) Th..... 7:00pm-10:00pm (HHP 1302) STAFF

HLTH471 Women's Health; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. Recommended for junior and senior women. — 3 credits

0101 (30674) TuTh.....11:00am-12:15pm (HHP 1302) Alexander, L.

HLTH478 Death Education; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits

0101 (30684) TuTh..... 2:00pm- 3:15pm (HHP 1312) Leviton, D.

HLTH487 Adult Health and Developmental Program; Grade Method: REG/P-F/AUD. First class meeting will be Saturday, September 11, 1993. — 3 credits

0101 (30694) Sa..... 8:30am- 1:00pm (COL 0100) Leviton, D.

HLTH489 (PermReq) Field Laboratory Projects and Workshop; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HLTH498C (PermReq) Special Topics in Health: Principles and Methods of Community Health Education; Grade Method: REG/P-F/AUD. Offered fall only. — 3 credits

0101 (30722) M..... 1:00pm- 2:50pm (HHP 0301) Desmond, S.
W..... 1:00pm- 4:00pm (HHP 0301) Lab

HLTH498I (PermReq) Special Topics in Health: Internship in Community Health; Grade Method: REG/P-F/AUD. — 3 credits

0101 (30732) Time and room to be arranged Desmond, S.

HLTH498J Special Topics in Health: Internship in Community Health Education; Grade Method: REG/P-F/AUD. — 3 credits

0101 (30742) Time and room to be arranged Desmond, S.

HLTH498T (PermReq) Special Topics in Health: Ways of Knowing About Human Stress and Tension; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: HLTH 285. Student must present instructor with unofficial transcript showing proof of taking HLTH 285 at first class meeting. — 3 credits

0101 (30752) M..... 7:00pm-10:00pm (HHP 0307) Schiraldi, G.

HLTH498X Special Topics in Health: AIDS Education and Prevention; Grade Method: REG/P-F/AUD. — 3 credits

0101 (30762) W..... 4:15pm- 6:45pm (HHP 1303) Thomas, S.

HLTH600 Seminar in Health; Grade Method: REG/AUD. — 1 credit

0101 (30772) Meets 09/13/93-11/08/93 Clearwater, H.
M..... 4:15pm- 6:00pm (HHP 0302)

HLTH605 (PermReq) Foundations of Health Education; Grade Method: REG/AUD. *For health education majors only. Formerly HLTH 740* — 3 credits

0101 (30782) W..... 4:15pm- 6:45pm (HHP 0307) Greenberg, J.

HLTH685 Health Behavior I; Grade Method: REG/AUD. — 3 credits

0101 (30792) Th..... 4:15pm- 6:45pm (HHP 1301) Feldman, R.

HLTH690 The Dynamics of Coping with Stress; Grade Method: REG/AUD. *Prerequisite: HLTH 285 or permission of department.* — 3 credits

0101 (30802) W..... 7:00pm- 9:40pm (HHP 0305) Schiraldi, G.

HLTH697 Advanced Seminar; Grade Method: REG/AUD. — 1 credit

0101 (30812) Meets 09/13/93-11/08/93 Clearwater, H.
M..... 4:15pm- 6:00pm (HHP 0302)

HLTH698 (PermReq) Special Problems in Health Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HLTH698A Special Problems in Health Education: AIDS Education and Prevention; Grade Method: REG/AUD. — 3 credits

0101 (30840) W..... 4:15pm- 6:45pm (HHP 1303) Thomas, S.

HLTH698I Special Problems in Health Education: Advanced Seminar in Community Health; Grade Method: REG/AUD. — 3 credits

0101 (30850) Th..... 4:15pm- 6:45pm (HHP 0308) Thomas, S.

HLTH698P Special Problems in Health Education: Psychophysical Assessment; Grade Method: REG/AUD. Prerequisite: HLTH 750 or permission of department. — 3 credits

0101 (30860) Th..... 7:00pm- 9:45pm (HHP 0307) STAFF

HLTH698S Special Problems in Health Education: Status and Trends in Health Education; Grade Method: REG/AUD. — 3 credits

0101 (30870) M..... 7:00pm- 9:45pm (HHP 0305) Gold, R.

HLTH698Z Special Problems in Health Education: Advanced Seminar in Women's Health; Grade Method: REG/AUD. — 3 credits

0101 (30880) Tu..... 7:00pm-10:00pm (HHP 1301) Alexander, L.

HLTH710 Methods and Techniques of Research; Grade Method: REG/AUD. — 3 credits

0101 (30890) Tu..... 4:15pm- 6:45pm (HHP 0305) Feldman, R.

HLTH711 Advanced Research Methods in Health; Grade Method: REG/AUD. *Prerequisite: HLTH 710* — 3 credits

0101 (30900) M..... 4:15pm- 6:45pm (HHP 0305) Gold, R.

HLTH750 Stress and Disease; Grade Method: REG/AUD. — 3 credits

0101 (30910) Tu..... 7:00pm- 9:45pm (HHP 0307) STAFF

HLTH785 (PermReq) Internship in Health Education; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: HLTH 665, and HLTH 775, and HLTH 780, or permission of department.* — 3 credits

HLTH799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HLTH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

HONR Honors (Undergraduate Studies)

ALL HONR courses are open to students enrolled in University Honors and/or Departmental Honors programs and to others by permission of the Director of University Honors. Detailed descriptions of University Honors seminars can be found in the course description brochure available in the Honors Office in Anne Arundel Hall or by calling x56771. All Honors courses require approval prior to registration.

HONR100 (PermReq) Honors Colloquium; Grade Method: S-F. *Prerequisite: permission of University Honors Program* Course restricted to Fall 1993 freshmen honors students. — 1 credit

0101 (31019) Time and room to be arranged Lawrence, J.
0102 (31020) Time and room to be arranged Lawrence, J.
0103 (31021) Time and room to be arranged Lawrence, J.
0104 (31022) Time and room to be arranged Lawrence, J.
0105 (31023) Time and room to be arranged Lawrence, J.
0106 (31024) Time and room to be arranged Lawrence, J.
0107 (31025) Time and room to be arranged Lawrence, J.
0108 (31026) Time and room to be arranged Lawrence, J.
0109 (31027) Time and room to be arranged Lawrence, J.
0110 (31028) Time and room to be arranged Lawrence, J.
0111 (31029) Time and room to be arranged Lawrence, J.
0112 (31030) Time and room to be arranged Lawrence, J.
0113 (31031) Time and room to be arranged Lawrence, J.
0114 (31032) Time and room to be arranged Lawrence, J.
0115 (31033) Time and room to be arranged Lawrence, J.
0116 (31034) Time and room to be arranged Lawrence, J.
0117 (31035) Time and room to be arranged Lawrence, J.
0118 (31036) Time and room to be arranged Lawrence, J.
0119 (31037) Time and room to be arranged Lawrence, J.
0120 (31038) Time and room to be arranged Lawrence, J.

HONR118A (PermReq) Honors Colloquium: Cultural and Historical: In Search of Ancient Astronomies; Grade Method: REG. CORE Distributive Studies Humanities Course. CORE Cultural Diversity Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits

0101 (31048) W..... 6:00pm- 9:00pm (ANA 0120) Carlson, J.

HONR118B (PermReq) Honors Colloquium: Cultural and Historical: Individual Rights from Cicero to Rand; Grade Method: REG. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits

0101 (31058) Th..... 2:00pm- 4:30pm (JRN 1103) Locke, E.

HONR128A (PermReq) Honors Colloquium: Natural Sciences and Mathematics: Science and Psuedoscience: An Investigative Approach; Grade Method: REG. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. — 3 credits

0101 (31068) MW..... 4:00pm- 5:15pm (ANA 0120) Denman, D.

HONR128E (PermReq) Honors Colloquium: Natural Sciences and Mathematics: Our Nuclear Society: From Chernobyl to PET Scans; Grade Method: REG. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. — 3 credits

0101 (31078) Tu..... 2:00pm- 5:00pm (CHM 2201) Mignerey, A.

HONR128F (PermReq) Honors Colloquium: Natural Sciences and Mathematics: Managing Planet Earth; Grade Method: REG. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. — 3 credits

0101 (31088) W..... 2:00pm- 5:00pm (HBK 1108) McLellan, E.

HONR128G (PermReq) Honors Colloquium: Natural Sciences and Mathematics: Sea Monsters and Deep Sea Sharks; Grade Method: REG. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. — 3 credits

0101 (31098) W..... 2:00pm- 3:00pm (ZOP 1240) Clark, E.
W..... 3:00pm- 5:00pm (ZOP 1250)

HONR128K (PermReq) Honors Colloquium: Natural Sciences and Mathematics: Sea Monsters and Deep Sea Sharks; Grade Method: REG. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. — 1 credit

0101 (31108) W..... 2:00pm- 3:00pm (ZOP 1240) Clark, E.

HONR128N (PermReq) Honors Colloquium: Natural Sciences and Mathematics: Environmental Biology and the Chesapeake Bay; Grade Method: REG. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. — 3 credits

0101 (31118) W..... 1:00pm- 4:00pm (ZOP 1236) Paynter, K.

HONR128P (PermReq) Honors Colloquium: Natural Sciences and Mathematics: Chemical Ecology; Grade Method: REG. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. — 3 credits

0101 (31128) MW..... 4:00pm- 5:15pm (ANA 0100) Jarvis, B.

HONR128Q (PermReq) Honors Colloquium: Natural Sciences and Mathematics: Nuclear Physics and Society; Grade Method: REG. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. — 3 credits

0101 (31138) Tu..... 2:00pm- 5:00pm (PHY 0405) Berg, R.

HONR128R (PermReq) Honors Colloquium: Natural Sciences and Mathematics: From Crisis to Chaos: Some Major Developments in 20th Century Physical and Mathematical Sciences; Grade Method: REG. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. — 3 credits

0101 (31148) Th..... 3:00pm- 5:30pm (ANA 0120) Dorfman, J.

HONR128S (PermReq) Honors Colloquium: Natural Sciences and Mathematics: Agenda 21; Grade Method: REG. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. — 3 credits

0101 (31158) Tu..... 5:00pm- 8:00pm (ANA 0100) Ponnamperuma, C

HONR138B (PermReq) Honors Colloquium: Literature and the Arts: Images of Masculinity in Twentieth Century American Literature and Film; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. — 3 credits

0101 (31168) Tu..... 3:30pm- 6:00pm (SCP 1101) O'Sullivan, S.

HONR138C (PermReq) Freshman Honors Colloquium: Literature and the Arts: Thanatos - The Many Meanings of Death; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. — 3 credits

0101 (31178) W..... 2:00pm- 4:30pm (TWS 2212) Fertziger, A.

HONR138I (PermReq) Honors Colloquium: Literature and the Arts: Watching Poetry/Reading TV; Grade Method: REG. CORE Distributive Studies Arts Course. USP Distributive Studies Area C: Literature and the Arts Course. — 3 credits

0101 (31188) Th..... 2:00pm- 4:30pm (ANA 0100) Retallack, J.

HONR138K (PermReq) Honors Colloquium: Literature and the Arts: Nature and Place: A Course in Non-Fiction Prose; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. — 3 credits

0101 (31198) Th.....10:00am-12:30pm (ANA 0120) Plumly, S.

HONR138L (PermReq) Honors Colloquium: Literature and the Arts: The Mind and Language; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area C: Literature and the Arts Course. — 3 credits

0101 (31208) TuTh.....12:30pm- 1:45pm (ANA 0100) Turner, M.

HONR138N (PermReq) Honors Colloquium: Literature and the Arts: Gender Relations in Traditional Chinese Literature; Grade Method: REG. CORE Distributive Studies Humanities Course. USP Distributive Studies Area C: Literature and the Arts Course. — 3 credits

0101 (31218) TuTh.....12:30pm- 1:45pm (JMZ 2117) Yee, A.

HONR138Q (PermReq) Honors Colloquium: Literature and the Arts: Constructing the Lives of Spanish Baroque Painters; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C: Literature and the Arts Course. — 3 credits

0101 (31228) Tu..... 2:00pm- 4:30pm (ANA 0120) Colantuono, A.

HONR138U (PermReq) Honors Colloquium: Literature and the Arts: World Religions; Grade Method: REG. CORE Distributive Studies Humanities Course. USP Distributive Studies Area C: Literature and the Arts Course. — 3 credits

0101 (31238) Th.....12:30pm- 3:00pm (TWS 2250) Northup, L.

HONR138V (PermReq) Honors Colloquium: Literature and the Arts: Difference and Value in Literary Texts; Grade Method: REG. CORE Distributive Studies Arts Course. USP Distributive Studies Area C: Literature and the Arts Course. — 3 credits

0101 (31248) Th..... 3:30pm- 6:00pm (SCP 1101) O'Sullivan, S.

HONR138Z (PermReq) Honors Colloquium: Literature and the Arts: Understanding the World Through Reading; Grade Method: REG. USP Distributive Studies Area C: Literature and the Arts Course. — 3 credits

0101 (31258) M..... 1:30pm- 4:00pm (ANA 0100) Freedman, M.

HONR148B (PermReq) Honors Colloquium: Social and Behavioral Sciences: Culture and Gender: Conflict Between the Sexes; Grade Method: REG. CORE Distributive Studies Behavioral and Social Science Course. CORE Cultural Diversity Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits

0101 (31268) W..... 7:00pm- 9:30pm (HBK 1108) Jones, T.

HONR148D (PermReq) Honors Colloquium: Social and Behavioral Sciences: Citizens and Citizen Soldiers in American History; Grade Method: REG. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits

0101 (31278) M..... 7:00pm- 9:45pm (ANA 0100) Osher, D.

HONR148G (PermReq) Honors Colloquium: Social and Behavioral Sciences: Social and Group Violence in America; Grade Method: REG. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits

0101 (31288) W..... 1:00pm- 3:30pm (ANA 0120) Smead, E.

HONR148I (PermReq) Honors Colloquium: Social and Behavioral Sciences: Uses of Education; Grade Method: REG. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits

0101 (31298) TuTh.....12:30pm- 1:45pm (ANA 0120) Lawrence, J.

HONR148J (PermReq) Honors Colloquium: Social and Behavioral Sciences: Religion and Culture; Grade Method: REG. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits

0101 (31308) Tu.....12:30pm- 3:00pm (TWS 2250) Northup, L.

HONR148K (PermReq) Honors Colloquium: Social and Behavioral Sciences: Anatomy of Two Cold Wars; Grade Method: REG. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits

0101 (31318) Th..... 2:00pm- 4:30pm (KEY 0119) Smith, E.

HONR148O (PermReq) Honors Colloquium: Social and Behavioral Sciences: The Military and the Media in American History; Grade Method: REG. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits

0101 (31328) W..... 5:00pm- 7:30pm (TWS 2212) Hammond, W.

HONR148R (PermReq) Honors Colloquium: Social and Behavioral Sciences: Critical Issues and the African-American Experience in the Americas; Grade Method: REG. CORE Distributive Studies Social or Political History Course. CORE Cultural Diversity Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits

0101 (31338) M..... 1:00pm- 3:30pm (ANA 0120) Smead, E.

HONR148T (PermReq) Honors Colloquium: Social and Behavioral Science: Oral Memoir and Autobiography: Invention of Self Social Sciences; Grade Method: REG. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits

0101 (31348) Tu..... 2:00pm- 4:30pm (KEY 0120) Shulman, H.

HONR148V (PermReq) Honors Colloquium: Behavioral and Social Sciences: Society and the Criminal Justice System; Grade Method: REG. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits

0101 (31358) M..... 7:00pm- 9:30pm (ANA 0120) Dixon, W.

HONR148W (PermReq) Honors Colloquium: Social and Behavioral Science: America in the 1960's; Grade Method: REG. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits

0101 (31368) W..... 7:00pm-10:00pm (ANA 0100) Newman, J.

HONR148X (PermReq) Honors Colloquium: Social and Behavioral Sciences: Applied Behavior Analysis; Grade Method: REG. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits

0101 (31378) TuTh..... 9:30am-10:45am (ANA 0100) McIntire, R.

HONR148Z (PermReq) Honors Colloquium: Social and Behavioral Sciences: Social History Through Film: The U.S. Between World War I and World War II; Grade Method: REG. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits

0101 (31388) MW.....10:00am-12:00pm (KEY 1117) Grimsted, D.

HONR328G (PermReq) Honors Seminar: Natural Sciences and Mathematics: History and Philosophy of Molecular Biology; Grade Method: REG. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. — 3 credits

0101 (31398) Tu..... 4:00pm- 6:50pm (SKN 1116) Darden, L.

HONR328H (PermReq) **Honors Seminar: Natural Sciences and Mathematics: Women's Health; Grade Method: REG. CORE Cultural Diversity Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** 3 credits
0101 (31408) TuTh.....11:00am-12:15pm (HHP 1302) Alexander, L.

HONR338B (PermReq) **Honors Seminar: Literature and the Arts: Art of China; Grade Method: REG. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (31418) TuTh..... 2:00pm- 3:15pm (ASY 3211) Kuo, J.

HONR338G (PermReq) **Honors Seminar: Literature and the Arts: Ancient Art of Africa; Grade Method: REG. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (31428) TuTh..... 9:30am-10:45am (ASY 3211) Eyo, E.

HONR338H (PermReq) **Honors Seminar: Literature and the Arts: Japanese Painting; Grade Method: REG. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (31438) TuTh.....11:00am-12:15pm (ASY 3211) Sandler, M.

HONR338I (PermReq) **Honors Seminar: Literature and the Arts: Living Art of Africa; Grade Method: REG. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (31448) TuTh.....12:30pm- 1:45pm (ASY 3211) Eyo, E.

HONR338J (PermReq) **Honors Seminar: Literature and the Arts: Feminist Perspectives on Women in Art; Grade Method: REG. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (31458) TuTh..... 9:30am-10:45am (ASY 3215) Withers, J.

HONR338K (PermReq) **Honors Seminar: Literature and the Arts: Aegean Art and Archaeology; Grade Method: REG. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (31468) TuTh.....11:00am-12:15pm (ASY 3215) Venit, M.

HONR338L (PermReq) **Honors Seminar: Literature and the Arts: Roman Art and Archaeology; Grade Method: REG. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (31478) TuTh..... 2:00pm- 3:15pm (ASY 3215) Venit, M.

HONR338M (PermReq) **Honors Seminar: Literature and the Arts: 14th and 15th Century Northern European Art; Grade Method: REG. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (31488) MWF.....11:00am-11:50am (ASY 3211) Caswell, J.

HONR348A (PermReq) **Honors Seminar: Social and Behavioral Sciences: Alternatives to Violence; Grade Method: REG. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** 3 credits
0101 (31498) W..... 6:00pm- 8:50pm (HBK 0123) McCarthy, C.

HONR348E (PermReq) **Honors Seminar: Social and Behavioral Sciences: Presidential Biography; Grade Method: REG. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** 3 credits
Course will meet on Mondays from 2:00pm to 4:30pm on selected weeks only throughout the semester. Weeks to be announced. Dr. Burns is an emeritus faculty member at Williams College and is one of the country's foremost authorities on leadership.
0101 (31508) M..... 2:00pm- 4:30pm (SCP 2120) MacGregor Burns

HONR368M (PermReq) **Advanced Honors Seminar: Development of Knowledge: Arts, Humanities, and Literatures in 17-18th Century Europe; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course.** 3 credits
0101 (31518) TuTh.....11:00am-12:15pm (ARC 1105) Etlin, R.

HONR378Q (PermReq) **Advanced Honors Seminar: Analysis of Social and Ethical Problems: Before and After the Wall; Grade Method: REG. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course.** 3 credits
0101 (31528) W..... 2:00pm- 4:30pm (JRN 1103) Kent, G.

HONR378R (PermReq) **Advanced Honors Seminar: Analysis of Social and Ethical Problems: Sociology of Revolutions; Grade Method: REG. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course.** 3 credits
0101 (31538) Tu..... 6:00pm- 9:00pm (ANA 0120) Crawford, S.

HONR378T (PermReq) **Advanced Honors Seminar: Analysis of Social and Ethical Problems: Leadership; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course.** 3 credits
0101 (31548) Tu..... 2:00pm- 4:45pm (ANA 0100) Stone, C.

HONR378U (PermReq) **Advanced Honors Seminar: Analysis of Social and Ethical Problems: The Political Theory of Transgressive Experience; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course.** 3 credits
0101 (31558) MW..... 2:00pm- 3:15pm (LEF 1210) Glass, J.

HONR378V (PermReq) **Advanced Honors Seminar: Analysis of Social and Ethical Problems: Gender and Scientific Knowledge; Grade Method: REG. CORE Advanced Studies Social and Ethical Problems Course. CORE Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course.** 3 credits
Dr. Palmer is a 1993-94 Distinguished Scholar Teacher.
0101 (31568) W..... 1:00pm- 3:30pm (ZOP 1243) Palmer, M.

HONR379 (PermReq) **Honors Independent Study; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Available only to University honors students.** 3 credits

HONR379A (PermReq) **Honors Independent Study: Writing Workshop; Grade Method: S-F.** 3 credits
0101 (31579) Th..... 5:30pm- 8:30pm (ANA 0100) Retallack, J.

HORT Horticulture (Agriculture)

HORT160 **Introduction to Landscape Architecture; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (31672) TuTh..... 5:30pm- 4:45pm (HJP 0226) Scarfo, R.

HORT200 **Land Surveying; Grade Method: REG/P-F/AUD.** 1 credit
0101 (31682) Th..... 2:00pm- 4:00pm (HZF 1102) Lab Nola, D.

HORT201 **Environmental Factors and Horticultural Crop Production; Grade Method: REG/P-F/AUD.** 4 credits
Prerequisites: BIOL 105 and HORT 100.
0101 (31692) TuTh..... 8:00am- 9:15am (HZF 1108) Deitzer, G.
Tu..... 1:00pm- 4:00pm (HAR 1105) Lab

HORT260 **Graphic Communications; Grade Method: REG/P-F/AUD.** *Prerequisites: HORT 160 and EDIT 160.* 2 credits
0101 (31702) TuTh.....10:00am-11:50am (HZF 2106) Lab Scarfo, R.

HORT271 **Plant Propagation; Grade Method: REG/P-F/AUD.** 3 credits
Prerequisites: BIOL 105 and HORT 100
0101 (31712) MF..... 1:00pm- 1:50pm (HZF 1102) Gouin, F.
W..... 1:00pm- 5:50pm (HAR 1109) Lab

HORT386 (PermReq) **Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3-6 credits

HORT399 (PermReq) **Special Problems in Horticulture; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** 2 credits

HORT452 **Principles of Landscape Establishment and Maintenance; Grade Method: REG/P-F/AUD.** *Prerequisite: HORT 202 or permission of department. Recommended: HORT 201. For HORT majors only.* 3 credits
0101 (31759) TuTh..... 1:00pm- 1:50pm (HZF 1102) Walsh, C.
Tu..... 2:00pm- 4:50pm (HAR 1109) Lab

HORT453 **Woody Plant Materials I; Grade Method: REG/P-F/AUD.** *Prerequisite: BOTN 212.* 3 credits
0101 (31769) MF..... 1:00pm- 1:50pm (SYM 0200) Mityga, H.
F..... 2:00pm- 5:00pm (HZF 1106) Lab

HORT482 **Urban Landscape Design; Grade Method: REG/P-F/AUD.** *Prerequisite: HORT 361 and either HORT 453 or HORT 454. Corequisite: HORT 452.* 4 credits
0101 (31779) M..... 2:00pm- 2:50pm (HZF 0126) Pihlak, M.
W..... 2:00pm- 4:00pm (HZF 0126) Lab
M..... 3:00pm- 5:00pm (HZF 0126) Lab

HORT464 **Principles of Landscape Construction; Grade Method: REG/P-F/AUD.** *Prerequisite: HORT 361.* 3 credits
0101 (31789) M..... 9:00am- 9:50am (HZF 0128B) Hamed, S.
M.....10:00am-12:00pm (HZF 2106) Lab
W..... 9:00am-11:00am (HZF 2106) Lab

HORT474 **Physiology of Maturation and Storage of Horticultural Crops; Grade Method: REG/P-F/AUD.** *Pre- or corequisite: BOTN 441.* 3 credits
0101 (31799) MW.....10:00am-11:50am (HZF 1101) Solomos, T.
W..... 1:00pm- 4:00pm (HZF 1125) Lab

HORT699 (PermReq) **Special Problems in Horticulture; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** 1-3 credits

HORT781 **Edaphic Factors and Horticultural Plants; Grade Method: REG/AUD.** *Prerequisite: BOTN 441* 3 credits
0101 (31826) TuTh.....10:00am-11:15am (HZF 1102) Walsh, C.

HORT798 **Advanced Seminar; Grade Method: S-F/AUD.** 1 credit
0101 (31836) M..... 4:00pm- 4:50pm (HZF 0128B) Quebedeaux, B.

HORT799 **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-6 credits

HORT899 **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-8 credits

HSAD Housing and Design (Arts and Humanities)

HSAD343 **Interior Design I; Grade Method: REG/P-F/AUD.** *Prerequisite: HSAD 342 or DESN 342. For interior design majors only* 3 credits
0101 (31927) TuTh..... 9:30am-12:00pm (MMH 1108) Lab Hackley, R.

HSAD344 **Interior Design II; Grade Method: REG.** *Prerequisite: HSAD 343 or DESN 343. For interior design majors only* 3 credits
0101 (31937) WF..... 8:00am-10:30am (MMH 1108) Lab Tasi, P.

HSAD440 **Interior Design III; Grade Method: REG.** *Prerequisite: HSAD 344. For interior design majors only.* Students must register for HSAD 441 concurrently. Class meets first 8 weeks of the semester. 4 credits
0101 (31947) Meets 09/07/93-10/22/93 Fabiano, F.
MWF..... 1:00pm- 5:00pm (MMH 1108) Lab

HSAD441 **Interior Design IV; Grade Method: REG/P-F/AUD.** *Prerequisite: HSAD 440. For interior design majors only.* Students must register for HSAD 440 concurrently. Class meets second 8 weeks of the semester. 4 credits
0101 (31957) Meets 10/25/93-12/13/93 Fabiano, F.
MWF..... 1:00pm- 5:00pm (MMH 1108) Lab

ITAL Italian (Arts and Humanities)

A booklet fully describing the courses to be offered is available in the office of the Department of French and Italian, Room 3106 of the Juan Ramon Jimenez building.

ITAL101 **Elementary Italian I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course.** *Credit will be granted for only one of the following: ITAL 101 or ITAL 121* 4 credits
0201 (32008) MWF.....11:00am-11:50am (JMZ 0118) STAFF
Tu.....11:00am-11:50am (JMZ 0118)
0301 (32009) MWF.....12:00pm-12:50pm (JMZ 2123) STAFF
Tu.....12:00pm-12:50pm (JMZ 2120)
0401 (32010) MWF..... 1:00pm- 1:50pm (JMZ 2122) STAFF
Tu..... 1:00pm- 1:50pm (JMZ 0118)

ITAL102 **Elementary Italian II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course.** *Prerequisite: ITAL 101 or permission of department* 4 credits
0101 (32020) MWF..... 9:00am- 9:50am (JMZ 2125) Russell, C.
Th..... 9:00am- 9:50am (JMZ 0125)
0201 (32021) MWF.....11:00am-11:50am (JMZ 0125) STAFF
Th.....11:00am-11:50am (JMZ 0125)

ITAL122 **Accelerated Italian II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course.** *Prerequisite: ITAL 121 or permission of department. Credit will be granted for only one of the following: ITAL 203 or ITAL 122* 3 credits
0101 (32051) MWF.....12:00pm-12:50pm (JMZ 3118) Amodeo, S.

ITAL122H **Accelerated Italian II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course.** *Prerequisite: ITAL 121 or permission of department. Credit will be granted for only one of the following: ITAL 203 or ITAL 122* 3 credits
0101 (32061) MWF.....12:00pm-12:50pm (JMZ 3118) Amodeo, S.

ITAL203 **Intermediate Italian; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course.** *Prerequisite: ITAL 102 or permission of department. Credit will be granted for only one of the following: ITAL 203 or ITAL 122* 4 credits
0101 (32071) MWF.....12:00pm-12:50pm (JMZ 2122) STAFF
Th.....12:00pm-12:50pm (JMZ 0125) Lab

ITAL204 **Review Grammar and Composition; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course.** *Prerequisite: ITAL 203 or ITAL 122, or permission of department.* 3 credits
0101 (32081) MWF..... 1:00pm- 1:50pm (JMZ 3118) Russell, C.

ITAL251 **Introduction to Italian Literature; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course.** *Prerequisite: ITAL 204 or ITAL 211 or permission of department.* 3 credits
0101 (32091) MWF..... 9:00am- 9:50am (JMZ 3118) Russell, C.

ITAL311 **Italian Conversation: Current Events; Grade Method: REG/P-F/AUD.** *Prerequisite: ITAL 211 or permission of department.* 3 credits
0101 (32101) MWF.....11:00am-11:50am (JMZ 1109) Russell, C.

ITAL351 **Italian Literature From Dante to the Renaissance; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course.** *Prerequisite: ITAL 251 or permission of department.* 3 credits
0101 (32111) MWF.....10:00am-10:50am (JMZ 3118) Russell, C.

ITAL399 (PermReq) **Directed Study in Italian; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor.** 1-3 credits

ITAL498 **Special Topics in Italian Literature; Grade Method: REG/P-F/AUD.** 3 credits
0101 (32124) MWF..... 9:00am- 9:50am (JMZ 2122) Amodeo, S.

ITAL499 **Special Topics in Italian Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** 3 credits

IVSP Individual Studies Program (Undergraduate Studies)

IVSP317 (PermReq) **Progress Report; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite: admission to IVSP major.* **The department representative to contact is the Assistant Dean for Undergraduate Studies.** 1 credit

IVSP318 (PermReq) **Independent Learning Activities; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. For IVSP majors only. The department representative to contact is the Assistant Dean for Undergraduate Studies.** 1-6 credits

IVSP420 (PermReq) **Senior Paper; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite: admission to IVSP major. For IVSP majors only.* **The department representative to contact is the Assistant Dean for Undergraduate Studies.** 3 credits

JAPN Japanese (Arts and Humanities)

JAPN101 **Elementary Japanese I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course.** 6 credits
0102 (32646) MWF..... 9:00am- 9:50am (HBK 1116) Ramsey, A.
MWF.....10:00am-10:50am (HBK 0115) Dis
0201 (32647) MWF.....11:00am-11:50am (COL 3110) STAFF
MWF.....12:00pm-12:50pm (COL 3110) Dis
0202 (32648) MWF.....11:00am-11:50am (COL 3110) STAFF
MWF.....12:00pm-12:50pm (COL 3109) Dis
0301 (32649) MWF.....11:00am-11:50am (JMZ 0103) Miura, E.
MWF.....12:00pm-12:50pm (JMZ 0103) Dis
0302 (32650) MWF.....11:00am-11:50am (JMZ 0103) Miura, E.
MWF.....12:00pm-12:50pm (JMZ 1211) Dis
0401 (32651) MWF..... 9:00am- 9:50am (JMZ 2206) Unger, J.
MWF.....10:00am-10:50am (JMZ 1124) Dis
0402 (32652) MWF..... 9:00am- 9:50am (JMZ 2206) Unger, J.
MWF.....10:00am-10:50am (JMZ 1109) Dis

JAPN205 **Intermediate Japanese I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course.** *Prerequisite JAPN 102 or equivalent. Not open to students who have completed JAPN 201 and JAPN 202.* 6 credits
0101 (32662) MWF..... 9:00am-10:50am (COL 3109) STAFF
0201 (32663) MWF..... 9:00am-10:50am (JMZ 1211) Sano, T.

JAPN301 **Advanced Japanese I; Grade Method: REG/P-F/AUD.** *Prerequisites: JAPN 206 or equivalent.* 3 credits
0101 (32673) MWF..... 9:00am- 9:50am (JMZ 1120) Miura, E.

JAPN303 **Business Japanese I; Grade Method: REG/P-F/AUD.** *Prerequisite: JAPN 206 or equivalent.* 3 credits
0101 (32683) MWF.....11:00am-11:50am (HZF 1106) Sano, T.

JAPN401 **Readings in Modern Japanese I; Grade Method: REG/P-F/AUD.** *Prerequisite: JAPN 302 or equivalent.* 3 credits
0101 (32693) TuTh..... 2:00pm- 3:15pm (JMZ 2117) Kerkham, H.

JAPN418 **Japanese Literature in Translation: Japanese Women and Women Writers; Grade Method: REG/P-F/AUD.** 3 credits
0101 (32703) TuTh.....11:00am-12:15pm (JMZ 2206) Kerkham, H.

JOUR Journalism (Journalism)

JOUR101 **Professional Orientation; Grade Method: REG.** *Formerly JOUR 001.* **Required for JOUR majors but open to campus enrollment. Class meets 15 sessions (1/2 semester). Check schedule on first day of class for exact dates and times.** 1 credit
0101 (32753) MW..... 9:00am- 9:50am (TWS 2154) McAdams, K.

JOUR101H **Professional Orientation; Grade Method: REG/P-F/AUD.** *Formerly JOUR 001.* **Limited to students in General Honors Program.** 1 credit
0101 (32763) MW..... 9:00am- 9:50am (TWS 2154) McAdams, K.
F..... 9:00am- 9:50am (JRN 1116) Dis

JOUR198 (PermReq) **Survey Apprenticeship; Grade Method: S-F. Students must meet with Dr. Stewart in JRN 1118 to receive permission to register.** 1 credit
0101 (32773) Time and room to be arranged Lab Stewart, G.

JOUR201 **Writing For Mass Media; Grade Method: REG.** *Pre- or corequisite: JOUR 101. Prerequisite: 30 words per minute wordprocessing ability and grammar competency demonstrated by a score of 52 or higher on the TSWE.* **Must have at least 28 credits earned. A 5 minute word processing test will be administered in the first class of each section. A 30-word per minute proficiency is required to remain enrolled in JOUR 201. A proficiency test for applicability of JOUR 201 credit taken at another institution will be given on September 3, from 2-4, in JRN 3103. Register for the proficiency test in JRN 1119.** 3 credits
0101 (32783) M..... 4:00pm- 6:00pm (JRN 3111) Holman, B.
W..... 4:00pm- 6:00pm (JRN 3111) Lab
0201 (32784) Tu.....10:00am-12:00pm (JRN 3103) STAFF
Th.....10:00am-12:00pm (JRN 3103) Lab
0301 (32785) Tu.....10:00am-12:00pm (JRN 3102) STAFF
Th.....10:00am-12:00pm (JRN 3102) Lab
0401 (32786) M..... 4:00pm- 6:00pm (JRN 3102) STAFF
W..... 4:00pm- 6:00pm (JRN 3102) Lab
0501 (32787) M.....10:00am-12:00pm (JRN 3111) STAFF
W.....10:00am-12:00pm (JRN 3111) Lab
0601 (32788) Tu.....12:00pm- 2:00pm (JRN 3103) STAFF
Th.....12:00pm- 2:00pm (JRN 3103) Lab

JOUR202 **Editing For the Mass Media; Grade Method: REG.** *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.* **Must have at least 28 credits earned. Majors only.** 3 credits
0101 (32799) M..... 8:00am-10:00am (JRN 3102) STAFF
W..... 8:00am-10:00am (JRN 3102) Lab
0201 (32800) M..... 6:00pm- 8:00pm (JRN 3102) STAFF
W..... 6:00pm- 8:00pm (JRN 3102) Lab
0301 (32801) Tu..... 8:00am-10:00am (JRN 3102) STAFF
Th..... 8:00am-10:00am (JRN 3102) Lab

0401 (32802) Tu..... 6:00pm- 8:00pm (JRN 3103) STAFF
Th..... 6:00pm- 8:00pm (JRN 3103) Lab
0501 (32803) M..... 8:00am-10:00am (JRN 3111) STAFF
W..... 8:00am-10:00am (JRN 3111) Lab
0601 (32804) M.....12:00pm- 2:00pm (JRN 3103) STAFF
W.....12:00pm- 2:00pm (JRN 3103) Lab

JOUR320 **News Reporting; Grade Method: REG.** 3 credits
Prerequisite: grade of C or better in JOUR 201. For JOUR majors only
0101 (32814) Tu..... 4:00pm- 6:00pm (JRN 3103) Newhagen, J.
Th..... 4:00pm- 6:00pm (JRN 3103) Lab
0201 (32815) W..... 8:00am-10:00am (JRN 3103) Sheler, J.
F..... 8:00am-10:00am (JRN 3103) Lab
0301 (32816) M..... 6:30pm- 8:30pm (JRN 3111) STAFF
M..... 8:30pm-10:30pm (JRN 3111) Lab

JOUR321 **Advanced Reporting: Public Affairs; Grade Method: REG.** 3 credits
Prerequisite: JOUR 320. Majors only. Offered in fall semester only.
0101 (32826) M..... 6:00pm- 9:00pm (JRN 3103) STAFF
M..... 6:00pm- 9:00pm (JRN 3103) Lab

JOUR329 **Newspaper Editing; Grade Method: REG.** 3 credits
Prerequisite: grade of C or better in JOUR 202. Majors only.
0101 (32836) W..... 2:00pm- 4:00pm (JRN 1116) Stepp, C.
Time and room to be arranged Lab

JOUR325 **Reporting from Annapolis and Washington; Grade Method: REG/P-F/AUD.** 6 credits
(PermReq) *Prerequisite: permission of department. Corequisite: JOUR 462.*
0101 (32846) Time and room to be arranged Callahan, C.
0201 (32847) Time and room to be arranged Harvey, C.

JOUR326 **Supervised Internship - News Editorial; Grade Method: REG/P-F/AUD.** 3 credits
(PermReq) *Prerequisites: a grade of "C" or better in JOUR 201, JOUR 202 and JOUR 320 and permission of department. For JOUR majors only.* Students must meet with Dr. Stewart in JRN 1116 to receive permission to register. Two sessions only. Mandatory attendance, Monday, September 20 and Monday, December 6.
0101 (32857) M..... 7:00pm- 9:00pm (JRN 2114) Stewart, G.
Time and room to be arranged Lab

JOUR330 **Public Relations Theory; Grade Method: REG.** 3 credits
Prerequisite: grade of C or better in JOUR 201. For JOUR majors only. Open to 0602F and 0601F majors and BMGT 0515A (PRL) and BMGT 0509O (MKT) only.
0101 (32867) MW..... 7:00pm- 8:15pm (JRN 1104) STAFF

JOUR331 **Public Relations Techniques; Grade Method: REG.** 3 credits
Prerequisites: JOUR 330, and grade of C or better in JOUR 202. Majors only.
0101 (32877) M..... 2:00pm- 4:00pm (JRN 3111) Zerbinos, E.
W..... 2:00pm- 4:00pm (JRN 3111) Lab
0201 (32878) Tu..... 4:00pm- 6:00pm (JRN 3111) STAFF
Th..... 4:00pm- 6:00pm (JRN 3111) Lab

JOUR336 **Supervised Internship - Public Relations; Grade Method: REG/P-F/AUD.** 3 credits
(PermReq) *Prerequisites: a grade of "C" or better in JOUR 201, JOUR 202, JOUR 330, and JOUR 331 and permission of department. For JOUR majors only.* Students must meet with Dr. Stewart in JRN 1116 to receive permission to register. Two sessions only. Mandatory attendance, Monday, September 20 and Tuesday, December 7.
0101 (32888) Tu..... 7:00pm- 9:00pm (JRN 1104) Stewart, G.
Time and room to be arranged Lab

JOUR340 **Advertising Communication; Grade Method: REG.** 3 credits
Prerequisite: grade of C or better in JOUR 201. For JOUR majors only Open to 0602A and 0601A majors and BMGT 0515A (PRL) and BMGT 0509O (MKT) only.
0101 (32898) TuTh..... 9:30am-10:45am (JRN 1104) Zanot, E.

JOUR341 **Advertising Techniques; Grade Method: REG.** 3 credits
Prerequisite: JOUR 340, and grade of C or better in JOUR 202. Majors only.
0101 (32908) Tu..... 2:00pm- 4:00pm (JRN 3111) Zanot, E.
Th..... 2:00pm- 4:00pm (JRN 3111) Lab

JOUR342 **Advertising Media Planning; Grade Method: REG.** 3 credits
Prerequisite: JOUR 340
0101 (32919) TuTh..... 8:00am- 9:15am (JRN 3111) Keenan, K.
0201 (32920) TuTh..... 9:30am-10:45am (JRN 3111) Keenan, K.

JOUR346 **Supervised Internship - Advertising; Grade Method: REG/P-F/AUD.** 3 credits
(PermReq) *Prerequisites: a grade of "C" or better in JOUR 201, JOUR 202, JOUR 340, and either JOUR 341 or JOUR 342, and permission of department. For JOUR majors only.* Students must meet with Dr. Stewart in JRN 1116 to receive permission to register. Two sessions only. Mandatory attendance, Thursday, September 23 and Thursday, December 9.
0101 (32930) Th..... 7:00pm- 9:00pm (JRN 1104) Stewart, G.
Time and room to be arranged Lab

JOUR360 **Broadcast News I; Grade Method: REG.** 3 credits
Prerequisite: grade of C or better in JOUR 201. For JOUR majors only Additional 3 hours per week required at WMUC.
0101 (32940) W.....10:00am-12:00pm (JRN 1105) Holman, B.
M.....10:00am-12:00pm (JRN 3103) Lab
0102 (32941) M.....10:00am-12:00pm (JRN 1105) Holman, B.
F.....10:00am-12:00pm (JRN 3103) Lab

JOUR361 **Broadcast News II; Grade Method: REG.** 3 credits
Prerequisite: JOUR 360. Majors only.
0101 (32951) Tu..... 1:00pm- 2:00pm (JRN 1103) Rhodes, C.
MW..... 2:00pm- 4:00pm (JRN 3120) Lab
0102 (32952) Tu..... 1:00pm- 2:00pm (JRN 1103) Rhodes, C.
TuTh..... 2:00pm- 4:00pm (JRN 3120) Lab

JOUR362 **Broadcast News Management; Grade Method: REG/P-F/AUD.** 3 credits
Prerequisite: JOUR 360.
0101 (32962) W.....10:00am-12:00pm (JRN 1103) STAFF
Time and room to be arranged Lab

JOUR365 **Theory of Broadcast Journalism; Grade Method: REG/P-F/AUD.** 3 credits
Offered in fall semester only. Limited to students with major codes of 0601B and 0602B.
0101 (32972) MW.....11:00am-12:15pm (JRN 1104) Barkin, S.

JOUR366 **Supervised Internship - Broadcast News; Grade Method: REG/P-F/AUD.** 3 credits
(PermReq) *Prerequisites: a grade of "C" or better in JOUR 201, JOUR 202, and JOUR 360 and permission of department. Recommended: JOUR 361 for television internship.* Students must meet with Dr. Stewart in JRN 1116 to receive permission to register. Two sessions only. Mandatory attendance, Wednesday, September 22 and Wednesday, December 8.
0101 (32982) W..... 7:00pm- 9:00pm (JRN 2114) Stewart, G.
Time and room to be arranged Lab

JOUR371 **Magazine Article and Feature Writing; Grade Method: REG.** 3 credits
Prerequisite: JOUR 320. Majors only.
0101 (32992) M..... 2:00pm- 5:00pm (JRN 3103) Barkin, S.
0201 (32993) W..... 7:00pm- 9:45pm (JRN 3103) STAFF

JOUR373 **Graphics; Grade Method: REG.** 3 credits
Prerequisite: grade of C or better in JOUR 202. Restricted to JOUR majors with the major codes of 0601C, 0602C, 0601D, 0602D, 0601E, and 0602E.
0101 (33003) Tu..... 4:00pm- 6:00pm (JRN 3102) Roche, J.
Th..... 4:00pm- 6:00pm (JRN 3102) Lab
0201 (33004) Tu..... 6:00pm- 8:00pm (JRN 3102) Nagin, E.
Tu..... 8:00pm-10:00pm (JRN 3102) Lab

JOUR374 **Magazine Production; Grade Method: REG.** 3 credits
(PermReq) *Prerequisites: JOUR 371, and JOUR 373.* Students must meet with Dr. Barkin in JRN 4102 prior to registering.

0101 (33014) Time and room to be arranged Lab Barkin, S.

JOUR398 **Independent Study; Grade Method: REG.** 1-3 credits
(PermReq) Individual instruction course: contact department or instructor to obtain section number.

JOUR400 **Law of Mass Communication; Grade Method: REG.** 3 credits
Restricted to students having earned at least 55 credits.
0101 (33051) Tu..... 5:00pm- 7:45pm (ASY 2203) Sullivan, M.

JOUR420 **Government and Mass Communication; Grade Method: REG/P-F/AUD.** 3 credits
0101 (33061) MW..... 2:00pm- 3:15pm (JRN 1104) Ferguson, M.

JOUR450 **Mass Media in Society; Grade Method: REG/P-F/AUD.** 3 credits
0101 (33071) MW..... 3:30pm- 4:45pm (JRN 1104) Gurevitch, M.

JOUR459A **Special Topics in Mass Communication: Coverage of Civil Rights Movement; Grade Method: REG/P-F/AUD.** 3 credits
0101 (33081) TuTh..... 2:00pm- 3:15pm (JRN 1105) Roberts, E.

JOUR459U **Special Topics in Mass Communication: Media Economics; Grade Method: REG/P-F/AUD.** 3 credits
0101 (33091) MW.....12:30pm- 1:45pm (JRN 1104) Gomery, D.

JOUR459V **Special Topics in Mass Communication: Visual Communications; Grade Method: REG.** 3 credits
0101 (33101) TuTh..... 2:00pm- 3:15pm (JRN 1104) Roche, J.

JOUR462 **Professional Seminar in Public Affairs Reporting; Grade Method: REG/P-F/AUD.** 3 credits
(PermReq) *Prerequisite permission of department.* This course is tied to the off-campus reporting bureau experience. Contact instructor for more information.
0101 (33111) M..... 8:00am-11:00am (JRN 1103) Callahan, C.

JOUR477 **Mass Communication Research; Grade Method: REG/P-F/AUD.** 3 credits
Prerequisite: MATH 110 or equivalent, students are encouraged to have completed the theory and technique courses in their major sequence. Restricted to students having earned at least 55 credits.
0101 (33121) MW.....12:30pm- 1:45pm (JRN 1105) McAdams, K.
0201 (33122) TuTh..... 3:30pm- 4:45pm (JRN 1105) STAFF

JOUR481 **Writing the Complex Story; Grade Method: REG/P-F/AUD.** 3 credits
Pre- or corequisite: JOUR 371.
0101 (33132) TuTh.....11:00am-12:15pm (JRN 1116) Roberts, E.

JOUR483 **Senior Seminar in Public Relations; Grade Method: REG.** 3 credits
Prerequisite: JOUR 331, and JOUR 477
0101 (33142) M..... 9:30am-10:45am (JRN 1104) Zerbinos, E.
M.....11:00am-12:15pm (JRN 1116) Dis
0102 (33143) M..... 9:30am-10:45am (JRN 1104) Zerbinos, E.
W..... 9:30am-10:45am (JRN 1116) Dis

JOUR484 **Advertising Campaigns; Grade Method: REG/P-F/AUD.** 3 credits
Prerequisite: JOUR 341, and JOUR 342
0101 (33153) W..... 6:30pm- 9:30pm (JRN 1105) Plumb, J.

JOUR501 **Fundamentals of Writing and Editing; Grade Method: REG/AUD.** 3 credits
0101 (33164) Tu..... 2:00pm- 4:00pm (JRN 3103) Stepp, C.
Th..... 2:00pm- 4:00pm (JRN 3103) Lab

JOUR800 **Research Methods in Mass Communication; Grade Method: REG/AUD.** 3 credits
0101 (33174) Tu.....12:30pm- 1:45pm (JRN 1104) Newhagen, J.
Tu.....11:00am-12:15pm (JRN 3111) Lab
0102 (33175) Tu.....12:30pm- 1:45pm (JRN 1104) Newhagen, J.
Th.....12:30pm- 1:45pm (JRN 3111) Lab

JOUR801 **Theories of Mass Communication; Grade Method: REG/AUD.** 3 credits
0101 (33185) M..... 1:00pm- 4:00pm (JRN 1116) Levy, M.
0201 (33186) F.....10:00am- 1:00pm (JRN 1116) Gurevitch, M.

JOUR820 **Seminar in Public Affairs Reporting; Grade Method: REG/AUD.** 3 credits
Prerequisite JOUR 320
0101 (33196) F..... 1:00pm- 4:00pm (JRN 1116) Stepp, C.

JOUR830 **Seminar in Public Relations Management; Grade Method: REG/AUD.** 3 credits
0101 (33206) Tu.....12:30pm- 2:00pm (JRN 1105) Grunig, L.
Th.....12:30pm- 2:00pm (JRN 1116) Dis
0102 (33207) Tu.....12:30pm- 2:00pm (JRN 1105) Grunig, L.
Th..... 2:30pm- 4:00pm (JRN 1116) Dis

JOUR832 **Research Design in Public Relations; Grade Method: REG/AUD.** 3 credits
0101 (33217) Tu..... 4:15pm- 7:00pm (JRN 1116) Grunig, L.

JOUR898 **Special Problems in Communication; Grade Method: REG/AUD.** 3 credits
(PermReq) Individual instruction course: contact department or instructor to obtain section number.

JOUR700 **Introduction to Doctoral Study in Journalism; Grade Method: REG/AUD.** 3 credits
(PermReq) *Prerequisite admission to Ph.D. program in journalism*
0101 (33251) W..... 6:00pm- 9:00pm (JRN 1116) Ferguson, M.

JOUR710 **Seminar in Mass Media History; Grade Method: REG/AUD.** 3 credits
0101 (33261) Tu..... 1:00pm- 4:00pm (JRN 1116) Beasley, M.

JOUR728 **Topics in Public Affairs Reporting; Grade Method: REG/AUD.** 3 credits
This course is tied into the off-campus reporting bureau experience. Contact instructor for more information.
0101 (33271) M..... 8:00am-11:00am (JRN 1105) Callahan, C.

JOUR729 **Reporting from Annapolis and Washington; Grade Method: REG/AUD.** 6 credits
This course is tied into the off-campus reporting bureau experience. Contact instructor for more information.
0101 (33281) Time and room to be arranged Lab Callahan, C.
0201 (33282) Time and room to be arranged Lab Harvey, C.

JOUR730 **Seminar in Comparative Mass Communication; Grade Method: REG/AUD.** 3 credits
0101 (33292) Th..... 4:15pm- 7:00pm (JRN 1116) Hiebert, R.

JOUR739 **Topics in Public Relations: Global Public Relations; Grade Method: REG.** 3 credits
0101 (33302) Th..... 7:00pm- 9:45pm (JRN 1116) Grunig, J.

JOUR750 **Seminar in Mass Media Analysis; Grade Method: REG/AUD.** 3 credits
0101 (33312) M..... 6:00pm- 9:00pm (JRN 1116) Gomery, D.

JOUR798 **Masters Professional Fieldwork; Grade Method: REG/AUD.** 2-6 credits
(PermReq) Individual instruction course: contact department or instructor to obtain section number.

JOUR799 **Master's Thesis Research; Grade Method: REG.** 1-6 credits
Individual instruction course: contact department or instructor to obtain section number.

JOUR888 **Doctoral Practicum in Journalism; Grade Method: REG/AUD.** 3-9 credits
Individual instruction course: contact department or instructor to obtain section number.

JOUR889 **Doctoral Tutorial in Journalism; Grade Method: REG/AUD.** 3-9 credits
Individual instruction course: contact department or instructor to obtain section number.

JOUR899 **Doctoral Dissertation Research; Grade Method: REG/S-F.** 1-8 credits
Individual instruction course: contact department or instructor to obtain section number.

KNES Kinesiology (Health and Human Performance)

KNES100O **Physical Education Activities: Men: Basketball (Intermediate); Grade Method: REG/P-F.** 2 credits
0001 (33490) MW..... 1:00pm- 3:00pm (HHP 2240) Lab STAFF
0002 (33491) TuTh..... 3:00pm- 5:00pm (HHP 2240) Lab STAFF
0003 (33492) MW.....10:00am-12:00pm (HHP 2240) Lab STAFF

KNES100P **Physical Education Activities: Men: Basketball (Advanced); Grade Method: REG/P-F.** 2 credits

0001 (33502) TuTh..... 8:00am-10:00am (HHP 2240) Lab STAFF

KNES131V **Physical Education Activities: Coed: Jogging; Grade Method: REG/P-F.** 2 credits
0001 (33512) MW..... 2:00pm- 4:00pm (HHP 0102) Lab STAFF
0002 (33513) TuTh.....12:00pm- 2:00pm (HHP 0102) Lab STAFF

KNES132N **Physical Education Activities: Coed: Badminton, (Beginning); Grade Method: REG/P-F.** 1 credit
Meets first eight weeks only. Schedule Adjustment Period is 9/7 -9/13. Students are expected to attend classes beginning 9/7/93.
0001 (33525) Meets 09/07/93-10/22/93 STAFF
TuTh..... 3:00pm- 5:00pm (HHP 2101) Lab

KNES134N **Physical Education Activities: Coed: Bowling (Beginning); Grade Method: REG/P-F.** 2 credits
Students must pay a $15.00 facility fee. Bowling shoes required. May be rented for $0.75 per session.
0001 (33533) MW..... 2:00pm- 4:00pm (SSU B0100) Lab STAFF
0002 (33534) MW.....10:00am-12:00pm (SSU B0100) Lab STAFF
0003 (33535) TuTh.....12:00pm- 2:00pm (SSU B0100) Lab STAFF

KNES134O **Physical Education Activities: Coed: Bowling (Intermediate); Grade Method: REG/P-F.** 2 credits
Students must pay a $15.00 facility fee. Bowling shoes required. May be rented for $0.75 per session.
0001 (33545) MW.....12:00pm- 2:00pm (SSU B0100) Lab STAFF
0002 (33546) TuTh..... 2:00pm- 4:00pm (SSU B0100) Lab STAFF

KNES136N **Physical Education Activities: Coed: Fencing (Beginning); Grade Method: REG/P-F.** 1 credit
Meets second eight weeks only. Schedule Adjustment Period is 10/25 - 10/29. Students are expected to attend classes beginning 10/25/93.
0001 (33556) Meets 10/25/93-12/13/93 STAFF
MW.....12:00pm- 2:00pm (HHP 0102) Lab

KNES137N **Physical Education Activities: Coed: Golf (Beginning); Grade Method: REG/P-F.** 1 credit
Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 9/7 - 9/13. Students are expected to attend classes beginning 9/7/93.
0001 (33566) Meets 09/07/93-10/22/93 STAFF
MW.....10:00am-12:00pm (GLF 1102) Lab
0002 (33567) Meets 09/07/93-10/22/93 STAFF
MW.....12:00pm- 2:00pm (GLF 1102) Lab
0003 (33568) Meets 09/07/93-10/22/93 STAFF
TuTh..... 8:00am-10:00am (GLF 1102) Lab

KNES137O **Physical Education Activities: Coed: Golf (Intermediate); Grade Method: REG/P-F.** 1 credit
Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 9/7 - 9/13. Students are expected to attend classes beginning 9/7/93.
0001 (33578) Meets 09/07/93-10/22/93 STAFF
TuTh.....12:00pm- 2:00pm (GLF 1102) Lab

KNES137P **Physical Education Activities: Coed: Golf (Advanced); Grade Method: REG/P-F.** 1 credit
Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 9/7 - 9/13. Students are expected to attend classes beginning 9/7/93.
0001 (33588) Meets 09/07/93-10/22/93 STAFF
MW..... 2:00pm- 4:00pm (GLF 1102) Lab

KNES140V **Physical Education Activities: Coed: Gymnastics, Tumbling and Balancing (Beginning); Grade Method: REG/P-F.** 2 credits
0001 (33598) TuTh..... 1:00pm- 3:00pm (HHP 1120) Lab STAFF

KNES144Q **Physical Education Activities: Coed: Martial Arts, Karate (Beginning); Grade Method: REG/P-F.** 2 credits
0001 (33608) MW..... 8:00am-10:00am (HHP 0107) Lab STAFF
0002 (33609) MW.....10:00am-12:00pm (HHP 0107) Lab STAFF
0003 (33610) MW..... 3:00pm- 5:00pm (HHP 0107) Lab STAFF

KNES144R **Physical Education Activities: Coed: Martial Arts and Karate (Intermediate); Grade Method: REG/P-F.** 2 credits
0001 (33620) TuTh.....10:00am-12:00pm (HHP 0107) Lab STAFF

KNES144T **Physical Education Activities: Coed: Martial Arts, Self Defense; Grade Method: REG/P-F.** 2 credits
0001 (33630) TuTh..... 7:00pm- 9:00pm (HHP 0107) STAFF
0002 (33631) MW..... 1:00pm- 3:00pm (HHP 0107) STAFF

KNES146N **Physical Education Activities: Coed: Racquetball (Beginning); Grade Method: REG/P-F.** 1 credit
Students must provide protective eye wear.
0001 (33641) MWF..... 9:00am- 9:50am (HHP 0222) Lab STAFF
0002 (33642) MWF.....10:00am-10:50am (HHP 0222) Lab STAFF
0003 (33643) MWF..... 1:00pm- 1:50pm (HHP 0222) Lab STAFF
0004 (33644) MWF..... 2:00pm- 2:50pm (HHP 0222) Lab STAFF
0005 (33645) MWF..... 3:00pm- 3:50pm (HHP 0222) Lab STAFF
0006 (33646) TuTh..... 2:00pm- 3:15pm (HHP 0222) Lab STAFF

KNES146O **Physical Education Activities: Coed: Racquetball (Intermediate); Grade Method: REG/P-F.** 1 credit
Students must provide protective eye wear.
0001 (33656) TuTh.....10:00am-11:15am (HHP 0222) Lab STAFF

KNES147N **Physical Education Activities: Coed: Scuba (Beginning); Grade Method: REG/P-F.** 2 credits
0001 (33666) MWF..... 8:00am- 8:50am (COL 0113) Landers, R.
MWF..... 8:00am- 8:50am (COL 1206) Lab
0002 (33667) TuTh..... 8:00am- 9:15am (COL 0113) Landers, R.
TuTh..... 8:00am- 9:15am (COL 1206) Lab
0003 (33668) TuTh.....10:00am-11:15am (COL 0113) Landers, R.
TuTh.....10:00am-11:15am (COL 1206) Lab

KNES152N **Physical Education Activities: Coed: Soccer (Beginning); Grade Method: REG/P-F.** 1 credit
Meets first eight weeks only. Schedule Adjustment Period is 9/7 - 9/13. Students are expected to attend classes beginning 9/7/93.
0001 (33678) Meets 09/07/93-10/22/93 STAFF
MW..... 1:00pm- 3:00pm (HHP 2101) Lab

KNES154N **Physical Education Activities: Coed: Swimming (Beginning); Grade Method: REG/P-F.** 1 credit
Section 0001 is strictly for non-swimmers.
0001 (33688) MWF.....12:00pm-12:50pm (PKT 1112) Lab STAFF

KNES154O **Physical Education Activities: Coed: Swimming (Intermediate); Grade Method: REG/P-F.** 1 credit
0001 (33698) TuTh..... 1:00pm- 2:15pm (COL 1206) Lab STAFF

KNES154P **Physical Education Activities: Coed: Swimming (Advanced); Grade Method: REG/P-F.** 2 credits
0001 (33708) MW..... 9:00am-11:00am (COL 1206) Lab STAFF

KNES154T **Physical Education Activities: Coed: Swimming, Fitness (Beginning); Grade Method: REG/P-F.** 1 credit
0001 (33718) MWF..... 1:00pm- 1:50pm (COL 1206) Lab STAFF

KNES154U **Physical Education Activities: Coed: Swimming, Fitness (Intermediate); Grade Method: REG/P-F.** 1 credit
0001 (33728) MWF..... 2:00pm- 2:50pm (PKT 1112) Lab STAFF

KNES154W **Physical Education Activities: Coed: Swimming/Lifeguard Training; Grade Method: REG/P-F.** 1 credit
Advanced swimming ability is a prerequisite. Meets first 8 weeks only. Schedule adjustment period is 9/7/93-9/13/93. Students are expected to attend classes beginning 9/7/93.
0001 (33738) Meets 09/07/93-10/22/93 STAFF
MW.....10:00am-12:00pm (PKT 1112) Lab

KNES154X **Physical Education Activities: Coed: Swimming/Lifeguard Training Instructor; Grade Method: REG/P-F.** 1 credit
Current American Red Cross Lifeguard Training certificate is a prerequisite for this course. Meets second 8 weeks only. Schedule adjustment period is 10/25-10/29. Students are expected to attend classes

beginning 10/25/93.

0001 (33748) Meets 10/25/93-12/13/93 STAFF
MW.....10:00am-12:00pm (PKT 1112) Lab

KNES154Y **Physical Education Activities: Coed: Swimming, Water Safety Instructor; Grade Method: REG/P-F.** 2 credits
Prerequisite: current certification in emergency water safety or life saving/life guarding.
0001 (33758) TuTh..... 9:00am-11:00am (PKT 1112) Lab STAFF

KNES155N **Physical Education Activities: Coed: Tennis (Beginning); Grade Method: REG/P-F.** 1 credit
Meets first eight weeks only. Schedule Adjustment Period is 9/7 - 9/13. Students are expected to attend classes beginning 9/7/93.
0001 (33768) Meets 09/07/93-10/22/93 STAFF
MW..... 5:00pm- 5:00pm (HHP 2101) Lab
0002 (33769) Meets 09/07/93-10/22/93 STAFF
MW..... 8:00am-10:00am (COL 1100) Lab
0003 (33770) Meets 09/07/93-10/22/93 STAFF
TuTh..... 1:00pm- 3:00pm (HHP 2240) Lab
0004 (33771) Meets 09/07/93-10/22/93 STAFF
MW.....10:00am-12:00pm (HHP 2101) Lab
0005 (33772) Meets 09/07/93-10/22/93 STAFF
MW..... 1:00pm- 3:00pm (COL 1100) Lab
0006 (33773) Meets 09/07/93-10/22/93 STAFF
MW..... 1:00pm- 3:00pm (HHP 2101) Lab
0007 (33774) Meets 09/07/93-10/22/93 STAFF
TuTh..... 8:00am-10:00am (COL 1100) Lab
0008 (33775) Meets 09/07/93-10/22/93 STAFF
TuTh.....10:00am-12:00pm (COL 1100) Lab

KNES155O **Physical Education Activities: Coed: Tennis (Intermediate); Grade Method: REG/P-F.** 1 credit
Meets first eight weeks only. Schedule Adjustment Period is 9/7 - 9/13. Students are expected to attend classes beginning 9/7/93.
0001 (33785) Meets 09/07/93-10/22/93 STAFF
MW.....10:00am-12:00pm (COL 1100) Lab
0002 (33786) Meets 09/07/93-10/22/93 STAFF
TuTh..... 1:00pm- 3:00pm (COL 1100) Lab
0003 (33787) Meets 09/07/93-10/22/93 STAFF
MW..... 2:00pm- 4:00pm (HHP 2240) Lab
0004 (33788) Meets 09/07/93-10/22/93 STAFF
TuTh..... 8:00am-10:00am (HHP 2240) Lab

KNES155P **Physical Education Activities: Coed: Tennis (Advanced); Grade Method: REG/P-F.** 1 credit
Meets first eight weeks only. Section 0001 includes tournament preparation/advanced drills. Schedule Adjustment Period is 9/7 - 9/13. Students are expected to attend classes beginning 9/7/93.
0001 (33798) Meets 09/07/93-10/22/93 STAFF
TuTh..... 3:00pm- 5:00pm (HHP 2101) Lab

KNES157N **Physical Education Activities: Coed: Weight Training (Beginning); Grade Method: REG/P-F.** 1 credit
0001 (33808) MWF..... 8:00am- 8:50am (HHP 0103) Lab STAFF
0002 (33809) MW..... 2:00pm- 5:15pm (HHP 0103) Lab STAFF
0003 (33810) MWF.....10:00am-10:50am (HHP 0103) Lab STAFF
0004 (33811) MWF..... 1:00pm- 1:50pm (HHP 0103) Lab STAFF
0005 (33812) TuTh..... 4:00pm- 5:15pm (HHP 0103) Lab STAFF
0006 (33813) MW..... 3:00pm- 4:15pm (HHP 0103) Lab STAFF
0007 (33814) MW..... 4:00pm- 5:15pm (HHP 0103) Lab STAFF
0008 (33815) TuTh..... 8:00am- 9:15am (HHP 0103) Lab STAFF
0009 (33816) TuTh.....11:00am-12:15pm (HHP 0103) Lab STAFF
0010 (33817) TuTh..... 3:00pm- 4:15pm (HHP 0103) Lab STAFF

KNES157O **Physical Education Activities: Coed: Weight Training (Intermediate); Grade Method: REG/P-F.** 1 credit
0001 (33827) MWF.....11:00am-11:50am (HHP 0103) Lab STAFF
0002 (33828) MWF.....12:00pm-12:50pm (HHP 0103) Lab STAFF
0003 (33829) TuTh.....12:00pm- 1:15pm (HHP 0103) Lab STAFF
0004 (33830) MWF..... 9:00am- 9:50am (HHP 0103) Lab STAFF

KNES157Q **Physical Education Activities: Coed: Body Building; Grade Method: REG/P-F.** 1 credit
0001 (33840) TuTh..... 1:00pm- 1:50pm (HHP 0103) Lab STAFF
0002 (33841) TuTh..... 2:00pm- 2:50pm (HHP 0103) Lab STAFF

KNES160N **Physical Education Activities: Coed: Volleyball (Beginning); Grade Method: REG/P-F.** 1 credit
Meets second eight weeks only. Schedule Adjustment Period is 10/25 - 10/29. Students are expected to attend classes beginning 10/25/93.
0001 (33851) Meets 10/25/93-12/13/93 STAFF
MW.....10:00am-12:00pm (HHP 2101) Lab
0002 (33852) Meets 10/25/93-12/13/93 STAFF
TuTh.....10:00am-12:00pm (HHP 2101) Lab

KNES160O **Physical Education Activities: Coed: Volleyball (Intermediate); Grade Method: REG/P F.** 1 credit
Meets second eight weeks only. Schedule Adjustment Period is 10/25 - 10/29. Students are expected to attend classes beginning 10/25/93.
0001 (33862) Meets 10/25/93-12/13/93 STAFF
MW..... 1:00pm- 3:00pm (HHP 2101) Lab
0002 (33863) Meets 10/25/93-12/13/93 STAFF
TuTh..... 3:00pm- 5:00pm (HHP 2101) Lab

KNES160P **Physical Education Activities: Coed: Volleyball (Advanced); Grade Method: REG/P-F.** 2 credits
0001 (33873) MW..... 3:00pm- 5:00pm (HHP 2101) Lab STAFF

KNES161Q **Physical Education Activities: Coed: Conditioning (Aerobic Dance-Beginning); Grade Method: REG/P-F.** 2 credits
0001 (33883) TuTh..... 1:00pm- 3:00pm (HHP 2240) Lab STAFF

KNES161R **Physical Education Activities: Coed: Conditioning (Step Aerobics); Grade Method: REG/P-F.** 2 credits
0001 (33893) TuTh..... 4:00pm- 6:00pm (HHP 0102) Lab STAFF
0002 (33894) MW.....10:00am-12:00pm (HHP 0102) Lab STAFF
0003 (33895) TuTh..... 2:00pm- 4:00pm (HHP 0102) Lab STAFF
0004 (33896) TuTh..... 7:00pm- 9:00pm (HHP 0102) Lab STAFF
0005 (33897) MW..... 4:00pm- 6:00pm (HHP 0102) Lab STAFF

KNES161S **Physical Education Activities: Coed: Conditioning (Aerobic Dance-Intermediate); Grade Method: REG/P-F.** 2 credits
0001 (33907) MW..... 3:00pm- 5:00pm (HHP 2240) Lab STAFF
0002 (33908) TuTh.....10:00am-12:00pm (HHP 0102) Lab STAFF

PHYSICAL EDUCATION PROFESSIONAL COURSES

KNES180 **Foundations of Physical Education; Grade Method: REG/P-F/AUD.** 3 credits
Formerly PHED 180.
0101 (33918) MWF.....12:00pm- 1:00pm (HHP 1302) Owens, L.

KNES183 **Movement Content for Elementary School Children; Grade Method: REG/P-F/AUD.** 3 credits
Formerly PHED 183.
0101 (33928) MW..... 8:00am-10:00am (HHP 2240) Owens, L.

KNES200 **Gymnastics Skills Laboratory; Grade Method: REG/P-F/AUD.** 2 credits
Formerly PHED 200.
0101 (33938) MW..... 1:00pm- 3:00pm (HHP 1120) Lab Murray, J.

KNES202 **Badminton Skills Laboratory; Grade Method: REG/P-F.** 1 credit
Formerly PHED 202. Meets first eight weeks only. Schedule Adjustment Period is 9/7 - 9/13. Students are expected to attend classes beginning 9/7/93.
0101 (33948) Meets 09/07/93-10/22/93 STAFF
TuTh..... 1:00pm- 3:00pm (HHP 2101) Lab

KNES204 **Basketball Skills Laboratory; Grade Method: REG/P-F.** 1 credit
Formerly PHED 204. Meets second eight weeks only. Schedule Adjustment Period is 10/25 - 10/29. Students are expected to attend classes beginning 10/25/93.
0101 (33958) Meets 10/25/93-12/13/93 STAFF
TuTh.....10:00am-12:00pm (HHP 2240) Lab

KNES214 **Soccer Skills Laboratory; Grade Method: REG/P-F.** 1 credit
Formerly PHED 214. Meets first eight weeks only. Schedule Adjustment Period is 9/7 - 9/13. Students are expected to attend classes beginning 9/7/93.
0101 (33968) Meets 09/07/93-10/22/93 STAFF
TuTh.....10:00am-12:00pm (HHP 2240) Lab

KNES220 **Track and Field Skills Laboratory; Grade Method: REG/P-F.** 2 credits
Formerly PHED 220
0101 (33978) TuTh..... 8:00am-10:00am (HHP 2101) STAFF

KNES221 **Volleyball Skills Laboratory; Grade Method: REG/P-F.** 1 credit
Formerly PHED 221. Meets second eight weeks only. Schedule Adjustment Period is 10/25 - 10/29. Students are expected to attend classes beginning 10/25/93.
0101 (33988) Meets 10/25/93-12/13/93 STAFF
TuTh..... 1:00pm- 3:00pm (HHP 2101) Lab

KNES240 **Exploring Cultural Diversity Through Movement; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course.** 3 credits
0101 (33998) MWF.....11:00am-11:50am (HHP 1303) Scott, M.

KNES267 **Sport and American Society; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** 3 credits
Formerly PHED 267.
0101 (34008) MWF.....10:00am-10:50am (HHP 1312) Vander Velden,

KNES269 (PermReq) **Topical Investigations; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.** 1-3 credits

KNES283 **History of Sport in America; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A: Cultural and Historical Course.** 3 credits
Formerly PHED 283.
0101 (34019) TuTh..... 9:30am-10:45am (HHP 1312) Struna, N.

KNES300 **Biomechanics of Human Motion; Grade Method: REG/P-F/AUD.** 4 credits
Prerequisites: ZOOL 201, and ZOOL 202. Formerly PHED 300
0101 (34029) TuTh..... 1:00pm- 4:00pm (HHP 2132) STAFF
0201 (34030) TuTh..... 9:00am-12:00pm (HHP 1301) Caldwell, G.

KNES335 **Swimming Pool Management; Grade Method: REG/P-F/AUD.** 2 credits
Formerly PHED 335.
0101 (34040) TuTh..... 9:00am- 9:50am (COL 0113) Wenhold, J.

KNES340 **Theory of Coaching Athletics; Grade Method: REG/P-F/AUD.** 2 credits
Formerly PHED 340.
0101 (34050) MW.....12:00pm-12:50pm (HHP 1301) Drum, B.

KNES350 **The Psychology of Sports; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** 3 credits
Formerly PHED 350.
0101 (34060) W..... 4:00pm- 6:30pm (HHP 1301) Steel, D.
0201 (34061) TuTh..... 2:00pm- 3:15pm (HHP 1301) Steel, D.
0301 (34062) MWF.....10:00am-10:50am (HHP 1305) Hatfield, B.
0401 (34063) TuTh..... 5:00pm- 4:15pm (HHP 1305) Brown, E.

KNES360 **Physiology of Exercise; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** 3 credits
Prerequisites: ZOOL 201; and ZOOL 202, or permission of department. Formerly PHED 360.
0101 (34073) TuTh.....10:00am-12:00pm (HHP 2132) Vaccaro, P.
0201 (34074) TuTh..... 1:00pm- 3:00pm (HHP 1305) Ryder, M.

KNES362 **Philosophy of Sport; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course.** 3 credits
Formerly PHED 362.
0101 (34084) MWF..... 8:00am- 8:50am (HHP 1301) Hult, J.

KNES370 **Motor Development; Grade Method: REG/P-F/AUD.** 3 credits
Formerly PHED 370
0101 (34094) M..... 7:00pm- 9:30pm (HHP 1312) Clark, J.
M..... 6:00pm- 7:00pm (HHP 0305) Lab
0102 (34095) M..... 7:00pm- 9:30pm (HHP 1312) Clark, J.
M.....12:00pm- 1:00pm (HHP 1305) Lab
0103 (34096) M..... 7:00pm- 9:30pm (HHP 1312) Clark, J.
M..... 1:00pm- 2:00pm (HHP 1305) Lab
0104 (34097) M..... 7:00pm- 9:30pm (HHP 1312) Clark, J.
M..... 6:00pm- 7:00pm (HHP 2132) Lab

KNES381 **Prevention and Care of Athletic Injuries; Grade Method: REG/P-F/AUD.** 3 credits
Prerequisites ZOOL 201, and ZOOL 202. Formerly PHED 381.
0101 (34107) F..... 9:00am- 9:50am (HHP 1303) Bush, J.
MW..... 9:00am- 9:50am (HHP 1305) Lab

KNES388 (PermReq) **Topical Investigations; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor and department.** 1-3 credits

KNES389E **Topical Investigations: Children's Development Clinic; Grade Method: REG/P-F/AUD.** 1 credit
0101 (34118) Sa..... 8:30am-12:30pm (HHP 0103) Hahn, P.

KNES389K (PermReq) **Topical Investigations: Kinesiological Science Option; Grade Method: REG.** 3 credits
0101 (34128) Time and room to be arranged Wrenn, J.

KNES421 **Elementary School Physical Education: A Movement Approach; Grade Method: REG/P-F/AUD.** 3 credits
Prerequisite KNES 183. Formerly PHED 421
0101 (34138) TuTh..... 8:00am- 9:15am (HHP 0303) Ennis, C.

KNES455 **Scientific Bases of Athletic Conditioning; Grade Method: REG/P-F/AUD.** 3 credits
Prerequisite KNES 360. Formerly PHED 455
0101 (34148) Tu..... 4:00pm- 6:30pm (HHP 1302) Farmer, C.

KNES461 **Exercise and Body Composition; Grade Method: REG/P-F/AUD.** 3 credits
Prerequisite KNES 360. Formerly PHED 461
0101 (34158) W..... 7:00pm- 9:30pm (HHP 0306) Ryder, M.

KNES480 **Measurement in Physical Education; Grade Method: REG/P-F/AUD.** 3 credits
Prerequisite MATH 110. Formerly PHED 480
0101 (34168) MW.....10:00am-12:00pm (HHP 0306) Steel, D.

KNES481 **Biophysical Aspects of Human Movement; Grade Method: REG/P-F/AUD.** 3 credits
Prerequisites KNES 300, and KNES 360; and KNES 370, and KNES 385. Formerly PHED 481
0101 (34178) TuTh.....12:30pm- 1:45pm (HHP 0305) SantaMaria, D.

KNES486 **Politics and Economics of Organized Contemporary Sport; Grade Method: REG/P-F/AUD.** 3 credits
Prerequisite: KNES 287. Formerly PHED 486.
0101 (34188) MW..... 1:00pm- 2:15pm (HHP 0305) Vander Velden,

KNES490 **Administration of Physical Education and Sport; Grade Method: REG/P-F/AUD.** 3 credits
Prerequisite KNES 180 or KNES 287. Formerly PHED 490.
0101 (34198) W..... 7:00pm- 9:30pm (HHP 1301) Scott, M.

KNES496 **Quantitative Methods; Grade Method: REG/P-F/AUD.** 3 credits
Formerly PHED 496.
0101 (34208) M..... 4:00pm- 6:30pm (HHP 1301) Dotson, C.

KNES497 **Independent Studies Seminar; Grade Method: REG/P-F.** 3 credits
Formerly PHED 497.
0101 (34218) MWF..... 9:00am- 9:50am (HHP 2132) STAFF

KNES498 (PermReq) **Special Topics in Physical Education; Grade Method: REG/P-F/AUD.** 3 credits
0101 (34228) Time and room to be arranged Wrenn, J.

KNES630 **Sociology of Sport in Contemporary Perspective; Grade Method: REG/AUD.** 3 credits
Formerly PHED 630.
0101 (34238) W..... 7:00pm- 9:30pm (HHP 0303) Vander Velden,

KNES650 **Mental and Emotional Aspects of Sports and Recreation; Grade Method: REG/AUD.** 3 credits
Prerequisite: KNES 350. Formerly PHED 650.
0101 (34248) Th..... 4:00pm- 6:30pm (HHP 1302) Hatfield, B.

KNES664 **Seminar in Colonial and 19th Century Sport; Grade Method: REG/AUD.** 3 credits
Prerequisite: KNES 662 or permission of department. Formerly PHED 664.
0101 (34258) Th..... 4:00pm- 6:30pm (HHP 0303) Struna, N.

KNES675 **Photo-analysis of Human Motion; Grade Method: REG/AUD.** 3 credits
Prerequisite: KNES 300 or permission of department. Formerly PHED 675.
0101 (34268) Th..... 4:00pm- 6:30pm (HHP 0301) Phillips, S.

KNES689 (PermReq) **Special Problems in Physical Education; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-6 credits

KNES689A (PermReq) **Special Problems in Physical Education: Foundations of Sport Management; Grade Method: REG/AUD.** 3 credits
0101 (34303) Th..... 7:00pm- 9:30pm (HHP 0305) Chelip, L.

KNES689M **Special Problems in Physical Education: Introduction to Sport Law; Grade Method: REG/AUD.** 3 credits
0101 (34313) Tu..... 4:00pm- 6:30pm (HHP 1301) Myricks, N.

KNES689N **Special Problems in Physical Education: Issues in Women's Sport Development; Grade Method: REG/AUD.** 3 credits
0101 (34323) Tu..... 7:00pm- 9:30pm (HHP 0303) Hult, J.

KNES689Q **Special Problems in Physical Education: Intermediate Quantitative Methods; Grade Method: REG/AUD.** 3 credits
0101 (34333) Tu..... 7:00pm- 9:30pm (HHP 0301) Dotson, C.

KNES689V **Special Problems in Physical Education: Curriculum Design for Fitness & Wellness Programs; Grade Method: REG/AUD.** 3 credits
0101 (34343) Tu..... 4:00pm- 6:30pm (HHP 0302) Ennis, C.

KNES690 **Scientific Bases of Exercise; Grade Method: REG/AUD.** 3 credits
Prerequisites: KNES 300, and KNES 360. Formerly PHED 690.
0101 (34353) Tu..... 4:00pm- 6:30pm (HHP 0307) Vaccaro, P.

KNES691 **Muscular Aspects of Exercise Physiology; Grade Method: REG/AUD.** 3 credits
Prerequisite: KNES 360. Formerly PHED 691
0101 (34363) Tu..... 4:00pm- 6:30pm (HHP 2132) Clarke, D.

KNES692 **Cardiovascular Aspects of Exercise Physiology; Grade Method: REG/AUD.** 3 credits
Prerequisite: KNES 360 Formerly PHED 692
0101 (34373) W..... 7:00pm- 9:30pm (HHP 2132) Rogers, M.

KNES770 **Advanced Biomechanics; Grade Method: REG/AUD.** 3 credits
Prerequisites: KNES 670, and CMSC 103. Formerly PHED 770
0101 (34383) Tu..... 4:00pm- 6:30pm (HHP 0303) Caldwell, G.

KNES788G **Advanced Seminar: Exercise Physiology II; Grade Method: REG/AUD.** 2 credits
0101 (34393) Th..... 5:00pm- 7:00pm (HHP 2132) Rogers, M.

KNES789Q **Advanced Seminar: Sport Marketing; Grade Method: REG/AUD.** 3 credits
0101 (34403) W..... 4:00pm- 6:30pm (HHP 0302) Chelip, L.

KNES789W **Advanced Seminar: Dynamical Systems Approach to Motor Development; Grade Method: REG/AUD.** 3 credits
0101 (34413) W..... 4:00pm- 6:30pm (HHP 0303) Clark, J.

KNES798A (PermReq) **Internship in Physical Education/Sports Management: Sports Management; Grade Method: REG.** 1-8 credits
0101 (34423) Time and room to be arranged Wrenn, J.

KNES799 (PermReq) **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-6 credits

KNES899 (PermReq) **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-8 credits

LATN Latin (Arts and Humanities)

LATN101 **Elementary Latin I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course.** 4 credits
A student who has two units of Latin in high school may register for LATN 101 for the purposes of review, but ordinarily not for credit
0101 (34525) F..... 9:00am- 9:50am (HZF 1108) Stehle, E.
MWF.....10:00am-10:50am (HZF 1102)
0201 (34526) W.....10:00am-10:50am (ARM 0103) Stehle, E.
MWF..... 9:00am- 9:50am (HZF 1102)

LATN102 **Elementary Latin II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course.** 4 credits
Prerequisite LATN 101 at UMCP or permission of department.
0101 (34536) F..... 9:00am- 9:50am (ARM 0105) Lee, H.
MWF.....10:00am-10:50am (ARM 0105)

LATN201 **Intermediate Latin; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course.** 4 credits
Prerequisite LATN 102 at UMCP or permission of department. Formerly LATN 203
0101 (34546) MWF.....10:00am-10:50am (ARM 0121) Hallett, J.
F..... 9:00am- 9:50am (ARM 0121)

LATN301 **Plautus; Grade Method: REG/P-F/AUD.** 3 credits
0101 (34556) MWF..... 2:00pm- 2:50pm (JMZ 1122) Staley, G.

LATN415 **Virgil's Aeneid; Grade Method: REG/P-F/AUD.** 3 credits
Formerly LATN 305
0101 (34566) Tu..... 6:00pm- 8:40pm (JMZ 1122) Stehle, E.

LATN420 **Cicero and Caesar; Grade Method: REG/P-F/AUD.** 3 credits
0101 (34576) W..... 6:00pm- 8:40pm (JMZ 1122) Lee, H.

LATN489 (PermReq) **Independent Study in Latin Language and Literature; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** 1-3 credits

LATN605 **Vergil; Grade Method: REG/AUD.** 3 credits
0101 (34592) Tu..... 6:00pm- 8:40pm (JMZ 1122) Stehle, E.

LATN622 **The Age of Caesar; Grade Method: REG/AUD.** 3 credits
0101 (34602) W..... 6:00pm- 8:40pm (JMZ 1122) Lee, H.

LATN689 **Independent Studies in Latin Literature; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** 1-3 credits

LBSC Library Science (Library and Information Services)

LBSC208A (PermReq) **Special Topics in Information Studies: Information Skills and Strategies; Grade Method: REG/AUD. Prerequisites: 12 hours of undergraduate course work and familiarity with word processing.** 3 credits
0101 (34667) TuTh..... 9:30am-10:45am (HBK 0103) White, M.

All courses 600 and above require permission of department. Check course listing for specific restrictions.

LBSC600 (PermReq) **Proseminar: Development and Operation of Libraries and Information Services; Grade Method: REG/AUD.** 3 credits
Prerequisite: permission of department. Required of all MLS students.
0101 (34677) M..... 5:30pm- 8:15pm (HBK 0109) Averse, E.

LBSC603 (PermReq) **Library Systems Analysis; Grade Method: REG/AUD.** 3 credits
Prerequisite: permission of department.
0101 (34687) MW.....11:00am-12:15pm (HBK 0105) Walston, C.

LBSC611 (PermReq) **Archives and Libraries in Western Civilization; Grade Method: REG/AUD.** 3 credits
Prerequisite: permission of department.
0101 (34697) M..... 5:30pm- 8:15pm (HBK 0103) Burke, F.

LBSC630 (PermReq) **Library Administration; Grade Method: REG/AUD.** 3 credits
Prerequisite: permission of department.
0101 (34707) Tu..... 5:30pm- 8:15pm (HBK 0105) Phelps, T.

LBSC632 (PermReq) **Library Personnel Management and Communication; Grade Method: REG/AUD.** 3 credits
Prerequisite: permission of department.

0101 (34717) Tu..... 5:30pm- 8:15pm (HBK 4113) Walston, C.

LBSC841 (PermReq) **Selection and Evaluation of Instructional Media; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (34727) Th..... 5:30pm- 8:15pm (HBK 0115) Neuman, M.

LBSC843 (PermReq) **Library Media Specialists in Educational Systems; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (34737) M..... 5:30pm- 8:15pm (HBK 0105) Neuman, M.

LBSC845 (PermReq) **Children's Literature and Materials; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (34747) TuTh.....11:00am-12:15pm (HBK 0115) MacLeod, A.

LBSC851 (PermReq) **Reference and Information Services; Grade Method: REG/AUD.** *Prerequisite: permission of department.* Required of all MLS students. 3 credits
0101 (34757) MW.....11:00am-12:15pm (HBK 0103) White, M.
0201 (34758) Th..... 5:30pm- 8:15pm (HBK 0109) Wilson, W.

LBSC871 (PermReq) **Organization of Recorded Knowledge; Grade Method: REG/AUD.** *Prerequisite: permission of department.* Required of all MLS students. 3 credits
0101 (34768) MW..... 9:30am-10:45am (HBK 0105) Dick, J.
0201 (34769) Tu..... 5:30pm- 8:15pm (HBK 0109) Green, R.

LBSC875 (PermReq) **Information Storage and Retrieval (ISAR) Systems; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (34779) Tu..... 2:00pm- 4:45pm (HBK 0103) Soergel, D.

LBSC880 (PermReq) **Data Processing for Libraries and Information Services; Grade Method: REG/AUD.** *Prerequisite: permission of department. LBSC 690 or LBSC 691 required of all MLS students. Credit will be granted for only one of the following: LBSC 690 or LBSC 691.* LBSC 690 or 691 required of all MLS students. 3 credits
0101 (34789) Th..... 6:00pm- 8:45pm (HBK 0103) Soergel, D.

LBSC891 (PermReq) **Microcomputers in Information Processing; Grade Method: REG/AUD.** *Prerequisite: permission of department. LBSC 690 or LBSC 691 required of all MLS students. Credit will be granted for only one of the following: LBSC 690 or LBSC 691.* LBSC 690 or 691 required of all MLS students. 3 credits
0101 (34799) W..... 5:30pm- 8:15pm (HBK 0109) Marchionini, G.

LBSC701 (PermReq) **Research Methods in Library and Information Studies; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (34809) W..... 1:00pm- 3:45pm (HBK 0115) Marchionini, G.

LBSC704 (PermReq) **Seminar on the Foundations of Information Science; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (34819) Th..... 1:00pm- 3:45pm (HBK 4115) Heilprin, L.

LBSC709 (PermReq) **Independent Study; Grade Method: REG/AUD.** Individual instruction course: contact department or instructor to obtain section number. Signed independent study form must be presented to CLIS Admissions Office. 1-3 credits

LBSC727 (PermReq) **Science Information and the Organization of Science; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (34842) TuTh..... 9:30am-10:45am (HBK 4113) Barlow, D.

LBSC733 (PermReq) **Seminar in Library and Information Networks; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (34852) M..... 1:00pm- 3:45pm (HBK 0105) Walston, C.

LBSC737 (PermReq) **Seminar in the Special Library and Information Center; Grade Method: REG/AUD.** *Prerequisites: permission of department, and LBSC 630 or permission of instructor.* 3 credits
0101 (34862) W..... 1:00pm- 3:45pm (HBK 0103) Abels, E.

LBSC741 (PermReq) **Seminar in School Library Media Programs; Grade Method: REG/AUD.** *Prerequisites: permission of department, and LBSC 643 or permission of instructor.* 3 credits
0101 (34872) W..... 5:30pm- 8:15pm (HBK 4113) Liesener, J.

LBSC744 (PermReq) **Field Study in School Library Media Programs; Grade Method: REG/AUD.** *Prerequisites: permission of department, and LBSC 741, and LBSC 742 or EDCI 605 or permission of instructor.* 3 credits
0101 (34882) Tu..... 2:00pm- 4:45pm (HBK 4115) Liesener, J.

LBSC750 (PermReq) **Advanced Reference Services; Grade Method: REG/AUD.** *Prerequisites: permission of department, and either LBSC 651 or permission of instructor.* 3 credits
0101 (34892) MW..... 9:30am-10:45am (HBK 0103) White, M.
0201 (34893) M..... 5:30pm- 8:15pm (HBK 0115) Abels, E.

LBSC782 (PermReq) **Abstracting and Indexing Sources in the Health Sciences; Grade Method: REG/AUD.** *Prerequisite: permission of department, and either LBSC 651 or permission of instructor.* 3 credits
0101 (34903) W..... 9:30am-12:15pm (HBK 4113) STAFF

LBSC784 (PermReq) **Legal Literature; Grade Method: REG/AUD.** *Prerequisite: permission of department; and either LBSC 651 or permission of instructor.* 3 credits
0101 (34915) Th..... 5:30pm- 8:15pm (HBK 0105) Dick, J.

LBSC782 (PermReq) **Manuscript Collections; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (34923) W..... 5:30pm- 8:15pm (HBK 0105) Burke, F.

LBSC783 (PermReq) **Seminar in Technical Services; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (34933) M..... 6:15pm- 9:00pm (HBK 0103) Scully, M.

LBSC793 (PermReq) **Database Design; Grade Method: REG/AUD.** *Prerequisite: LBSC 690 or permission of instructor, and permission of department.* 3 credits
0101 (34943) Th..... 2:00pm- 4:45pm (HBK 0103) Green, R.

LBSC795 (PermReq) **Principles of Human-Computer Communication; Grade Method: REG/AUD.** *Prerequisites: (LBSC 690 or LBSC 691 or permission of instructor) and permission of department.* 3 credits
0101 (34953) M..... 1:00pm- 3:45pm (HBK 0103) Marchionini, G.

LBSC899 (PermReq) **Doctoral Dissertation Research; Grade Method: REG.** Individual instruction course: contact department or instructor to obtain section number. 1-8 credits

LING Linguistics (Arts and Humanities)

LING200 **Introductory Linguistics; Grade Method: REG/P-F/AUD.** CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. *Not open to students who have completed ANTH 371 or HESP 120.* Basis for future work in linguistics. 3 credits
0101 (35022) TuTh.....12:30pm- 1:45pm (COL 3110) STAFF
0201 (35023) MWF..... 9:00am- 9:50am (COL 3110) STAFF
0401 (35025) MWF.....11:00am-11:50am (HBK 1116) STAFF
0501 (35026) MW..... 4:00pm- 5:15pm (HBK 1112) STAFF
0601 (35027) TuTh..... 5:30pm- 6:45pm (HBK 1108) STAFF
0701 (35028) TuTh..... 9:30am-10:45am (HBK 1116) STAFF
0801 (35029) TuTh.....11:00am-12:15pm (EGR 1106) STAFF
0901 (35030) MWF.....10:00am-10:50am (HBK 0109) STAFF

LING240 **Language and Mind; Grade Method: REG/P-F/AUD.** CORE Distributive Studies Humanities Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits
0101 (35040) TuTh..... 9:30am-10:45am (HBK 0109) Lebeaux, D.

LING311 **Syntax I; Grade Method: REG/P-F/AUD.** *Prerequisite: LING 240.* 3 credits
0101 (35050) TuTh..... 9:30am-10:45am (HBK 1108) Uriagereka, J.

LING321 **Phonology I; Grade Method: REG/P-F/AUD.** *Prerequisite: LING 240.* 3 credits
0101 (35060) TuTh.....11:00am-12:15pm (HBK 0125) Lombardi, L.

LING410 (PermReq) **Grammar and Meaning; Grade Method: REG/P-F/AUD.** *Prerequisite: LING 312.* 3 credits
0101 (35070) Tu..... 2:00pm- 5:00pm (HBK 0125) STAFF

LING410H (PermReq) **Grammar and Meaning; Grade Method: REG/P-F/AUD.** *Prerequisite: LING 312.* 3 credits
0101 (35080) Tu..... 2:00pm- 5:00pm (HBK 0125) STAFF

LING419 (PermReq) **Topics in Syntax; Grade Method: REG.** 3 credits
0101 (35090) Time and room to be arranged Lightfoot, D.

LING421 (PermReq) **Advanced Phonology; Grade Method: REG/P-F/AUD.** *Prerequisite: LING 322.* 3 credits
0101 (35100) Th..... 1:00pm- 3:00pm (MIL 1106) Lombardi, L.
Tu..... 4:00pm- 5:00pm (MIL 1106) Dis

LING421H (PermReq) **Advanced Phonology; Grade Method: REG/P-F/AUD.** *Prerequisite: LING 322.* 3 credits
0101 (35110) Th..... 1:00pm- 3:00pm (MIL 1106) Lombardi, L.
Tu..... 4:00pm- 5:00pm (MIL 1106) Dis

LING429 (PermReq) **Topics in Phonology; Grade Method: REG/P-F/AUD.** 3 credits
0101 (35120) Time and room to be arranged Lombardi, L.

LING439 (PermReq) **Topics in Diachronic Linguistics: Diachronic Syntax; Grade Method: REG/P-F/AUD.** 3 credits
0101 (35130) Time and room to be arranged Lightfoot, D.

LING440 **Grammars and Cognition; Grade Method: REG/P-F/AUD.** CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 (35140) TuTh..... 9:30am-10:45am (ARM 0116) Gorrell, P.

LING499 (PermReq) **Directed Studies in Linguistics; Grade Method: REG.** 3 credits
0101 (35150) Time and room to be arranged Lightfoot, D.

LING499H (PermReq) **Directed Studies in Linguistics: Honors Thesis; Grade Method: REG.** 1-3 credits
0101 (35160) Time and room to be arranged Lightfoot, D.

LING610 **Syntactic Theory; Grade Method: REG/AUD.** *Prerequisite: LING 312.* 3 credits
0101 (35170) Tu..... 2:00pm- 4:00pm (MIL 1106) Uriagereka, J.
Th..... 3:00pm- 4:00pm (MIL 1106) Dis

LING620 **Phonological Theory; Grade Method: REG/AUD.** *Prerequisite: LING 322.* 3 credits
0101 (35180) Th..... 1:00pm- 3:00pm (MIL 1106) Lombardi, L.
Tu..... 4:00pm- 5:00pm (MIL 1106) Dis

LING640 (PermReq) **Competence and Performance; Grade Method: REG/AUD.** *Prerequisite: LING 312 or permission of instructor.* This course is co-taught by Dr. Gorrell and Dr. Weinberg. 3 credits
0101 (35190) W.....10:00am-12:00pm (HBK 0123) Gorrell, P.
Time and room to be arranged Dis

LING699 (PermReq) **Independent Study: Semantics; Grade Method: REG/AUD.** 1-3 credits
0101 (35200) Time and room to be arranged Gorrell, P.
Time and room to be arranged Dis

LING699 (PermReq) **Directed Study; Grade Method: REG/AUD.** 1-3 credits
0101 (35210) F..... 2:00pm- 4:00pm (HBK 0109) Gorrell, P.

LING799 (PermReq) **Research Papers in Linguistics; Grade Method: REG.** 1-6 credits
0101 (35220) Time and room to be arranged Gorrell, P.

LING799 **Master's Thesis Research; Grade Method: REG.** Individual instruction course: contact department or instructor to obtain section number. 1-6 credits

LING819 (PermReq) **Seminar in Syntactic Theory; Grade Method: REG/AUD.** 3 credits
0201 (35231) W..... 2:00pm- 4:00pm (HBK 0125) Lebeaux, D.
Time and room to be arranged Dis

LING819A (PermReq) **Seminar in Syntactic Theory: Theories of Binding and Case; Grade Method: REG/AUD.** 3 credits
0101 (35241) F.....11:00am- 1:00pm (HBK 0123) Burzio, L.
Time and room to be arranged Dis

LING899 (PermReq) **Directed Research; Grade Method: REG/AUD.** 1-8 credits
0101 (35251) Time and room to be arranged STAFF

LING885 **Doctoral Research Paper; Grade Method: REG/AUD.** 1-6 credits
0101 (35261) Time and room to be arranged Lightfoot, D.

LING899 **Doctoral Dissertation Research; Grade Method: REG.** Individual instruction course: contact department or instructor to obtain section number. 1-8 credits

MAPL Applied Mathematics (Computer, Mathematical and Physical Sciences)

MAPL460 **Computational Methods; Grade Method: REG/P-F/AUD.** *Prerequisites: a grade of C or better in MATH 240 and MATH 241, and CMSC 104 or CMSC 113. Also offered as CMSC 460. Credit will be granted for only one of the following: MAPL/CMSC 460 or MAPL/CMSC 466.* 3 credits
0101 (35321) TuTh.....11:00am-12:15pm (MTH 0101) Vonpetersdorff,
0201 (35322) MWF.....11:00am-11:50am (MTH 0409) Cooper, J.

MAPL466 **Introduction to Numerical Analysis I; Grade Method: REG/P-F/AUD.** *Prerequisites: a grade of C or better in MATH 240 and MATH 241, and CMSC 104. Also offered as CMSC 466. Credit will be granted for only one of the following: MAPL/CMSC 460 or MAPL/CMSC 466.* 3 credits
0101 (35332) MWF.....10:00am-10:50am (MTH B0421) Wolfe, P.
0201 (35333) TuTh..... 2:00pm- 3:15pm (CLB 0109) Oleary, D.

MAPL472 **Methods and Models in Applied Mathematics I; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 241, and MATH 246, and MATH 240, and PHYS 161 or 171 or permission of department. Recommended: one of the following: MATH 410, MATH 414, MATH 415, MATH 462, MATH 463, PHYS 262, PHYS 273. Also offered as MATH 472. Credit will be granted for only one of the following: MATH 472 and MAPL 472.* Course is taught in the fall semester only. 3 credits
0101 (35343) MWF.....10:00am-10:50am (MTH B0429) Pego, R.

MAPL498A **Selected Topics in Applied Mathematics; Grade Method: REG/P-F/AUD.** Individual instruction course: contact department or instructor to obtain section number. 1-3 credits

MAPL807 **Advanced Numerical Optimization; Grade Method: REG/AUD.** *Prerequisites: MATH 410; and MAPL/CMSC 477, or equivalent.* Also offered as CMSC 8780. 3 credits
0101 (35356) TuTh.....12:30pm- 1:45pm (CLB 0104) Oleary, D.

MAPL814 **Mathematics of the Finite Element Method; Grade Method: REG/AUD.** *Prerequisite: one semester graduate level course in partial differential equations, or permission of instructor.* 3 credits
0101 (35366) TuTh.....11:00am-12:15pm (MTH B0427) Nochetto, R.

MAPL866 **Numerical Analysis I; Grade Method: REG/AUD.** *Prerequisites: MAPL 466, and MATH 410. Also offered as CMSC 666.* 3 credits
0101 (35376) MWF.....11:00am-11:50am (MTH 1311) Osborn, J.

MAPL870 **Ordinary Differential Equations I; Grade Method: REG/AUD.** *Prerequisite: MATH 405, and MATH 410 or equivalent. Also offered as MATH 670.* Course is taught in the fall semester only. 3 credits
0101 (35386) TuTh..... 2:00pm- 3:15pm (MTH 0107) Antman, S.

MAPL873 **Classical Methods in Partial Differential Equations I; Grade Method: REG/AUD.** *Prerequisite: MATH 410 or equivalent. Also offered as MATH 673.* Course is taught in the fall semester only. 3 credits
0101 (35396) TuTh..... 2:00pm- 3:15pm (MTH B0425) Maddocks, J.

MAPL880 **Eigenvalue and Boundary Value Problems I; Grade Method: REG/AUD.** *Prerequisite: MATH 405 and MATH 410 or equivalent. Also offered as MATH 680.* Course is taught in the fall semester only. 3 credits
0101 (35406) MWF..... 9:00am- 9:50am (MTH 0107) Wolfe, P.

MAPL898A **Advanced Topics in Applied Mathematics; Grade Method: REG/AUD.** Individual instruction course: contact department or instructor to obtain section number. 1-4 credits

MAPL899 **Applied Mathematics Seminar; Grade Method: REG/AUD.** 1 credit
0101 (35465) Time and room to be arranged STAFF

MAPL799 **Master's Thesis Research; Grade Method: REG.** Individual instruction course: contact department or instructor to obtain section number. 1-6 credits

MAPL899 **Doctoral Dissertation Research; Grade Method: REG.** Individual instruction course: contact department or instructor to obtain section number. 1-8 credits

MATH Mathematics (Computer, Mathematical and Physical Sciences)

A student enrolled in MATH A001, Spring 1994 MATH 001, will have a reserved seat in the course for the Spring 1994 semester. The enrollment must be confirmed during Spring 1994 advance registration.

MATH001 **Review of High School Algebra; Grade Method: REG.** *Recommended for students who plan to take MATH 110 or MATH 002 but are not currently qualified to do so. Special fee required in addition to the regular tuition charge. This course does not carry credit towards any degree at the University.* Course chairperson: Cleary. The notation 3 credits is used only for billing and full-time or part-time status. There is a special fee of $150 for MATH 001. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Students registering for MATH 001 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics. 3 credits
0101 (35676) MWF..... 8:00am- 8:50am (MTH 1313) STAFF
0102 (35677) MWF..... 8:00am- 8:50am (MTH 1311) STAFF
0103 (35678) MWF..... 8:00am- 8:50am (MTH 1308) STAFF
0104 (35679) MWF..... 8:00am- 8:50am (MTH 0411) STAFF
0105 (35680) MWF..... 8:00am- 8:50am (MTH 0102) STAFF
0201 (35681) MWF..... 9:00am- 9:50am (MTH 0104) STAFF
0202 (35682) MWF..... 9:00am- 9:50am (MTH 0401) STAFF
0203 (35683) MWF..... 9:00am- 9:50am (MTH B0425) STAFF
0204 (35684) MWF..... 9:00am- 9:50am (MTH 0301) STAFF
0205 (35685) MWF..... 9:00am- 9:50am (MTH B0431) STAFF
0301 (35686) MWF.....11:00am-11:50am (MTH 0102) STAFF
0302 (35687) MWF.....11:00am-11:50am (MTH 0104) STAFF
0303 (35688) MWF.....11:00am-11:50am (MTH 0301) STAFF
0304 (35689) MWF.....11:00am-11:50am (MTH B0431) STAFF
0305 (35690) MWF.....11:00am-11:50am (CHE 2140) STAFF
0401 (35691) MWF.....12:00pm-12:50pm (MTH 1311) STAFF
0402 (35692) MWF.....12:00pm-12:50pm (MTH 1308) STAFF
0403 (35693) MWF.....12:00pm-12:50pm (MTH 0302) STAFF
0404 (35694) MWF.....12:00pm-12:50pm (MTH 0104) STAFF
0405 (35695) MWF.....12:00pm-12:50pm (MTH B0425) STAFF
0501 (35696) MWF..... 2:00pm- 2:50pm (MTH 0411) STAFF
0502 (35697) MWF..... 2:00pm- 2:50pm (MTH B0425) STAFF
0503 (35698) MWF..... 2:00pm- 2:50pm (MTH 0301) STAFF
0504 (35699) MWF..... 2:00pm- 2:50pm (EGR 1126) STAFF
0505 (35700) MWF..... 2:00pm- 2:50pm (CHE 2140) STAFF
0601 (35701) MWF..... 3:00pm- 3:50pm (MTH B0421) STAFF
0602 (35702) MWF..... 3:00pm- 3:50pm (MTH 0103) STAFF
0603 (35703) MWF..... 3:00pm- 3:50pm (MTH 1311) STAFF
0604 (35704) MWF..... 3:00pm- 3:50pm (MTH 1308) STAFF
0605 (35705) MWF..... 3:00pm- 3:50pm (CHE 2140) STAFF

A student enrolled in MATH A002, Spring 1994 MATH 002, will have a reserved seat in the course for the Spring 1994 semester. The enrollment must be confirmed during Spring 1994 advance registration.

MATH002 **Advanced Review of High School Algebra; Grade Method: REG.** *Recommended for students who plan to take but who are not currently qualified for MATH 115. Prerequisite: MATH 001 or satisfactory score on the mathematics placement exam. Special fee required in addition to the regular tuition charge. This course does not carry credit towards any degree at the University.* Course chairperson: Cleary. The notation 3 credits is used only for billing and full-time and part-time status. There is a special $150 fee for MATH 002. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Students registering for MATH 002 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics. 3 credits
0101 (35715) MWF.....10:00am-10:50am (MTH 0103) STAFF
0102 (35716) MWF.....10:00am-10:50am (MTH 0409) STAFF
0103 (35717) MWF.....10:00am-10:50am (MTH 0403) STAFF
0104 (35718) MWF.....10:00am-10:50am (MTH 0106) STAFF
0105 (35719) MWF.....10:00am-10:50am (MTH 0105) STAFF
0106 (35720) MWF.....10:00am-10:50am (MTH 1313) STAFF
0201 (35721) MWF.....11:00am-11:50am (MTH 1308) STAFF
0202 (35722) MWF.....11:00am-11:50am (MTH 0303) STAFF
0203 (35723) MWF.....11:00am-11:50am (MTH 0403) STAFF
0204 (35724) MWF.....11:00am-11:50am (MTH 0106) STAFF
0205 (35725) MWF.....11:00am-11:50am (CHE 2118) STAFF
0301 (35726) MWF.....12:00pm-12:50pm (MTH 0411) STAFF
0302 (35727) MWF.....12:00pm-12:50pm (MTH 0102) STAFF
0303 (35728) MWF.....12:00pm-12:50pm (MTH 0403) STAFF
0304 (35729) MWF.....12:00pm-12:50pm (MTH 0106) STAFF
0305 (35730) MWF.....12:00pm-12:50pm (MTH B0427) STAFF
0401 (35731) MWF..... 1:00pm- 1:50pm (MTH 0102) STAFF
0402 (35732) MWF..... 1:00pm- 1:50pm (MTH 0104) STAFF
0403 (35733) MWF..... 1:00pm- 1:50pm (MTH B0425) STAFF
0404 (35734) MWF..... 1:00pm- 1:50pm (MTH B0425) STAFF
0405 (35735) MWF..... 1:00pm- 1:50pm (MTH 0107) STAFF
0701 (35736) TuTh.....12:30pm- 1:45pm (MTH 0302) STAFF
0702 (35737) TuTh.....12:30pm- 1:45pm (MTH 0411) STAFF
0703 (35738) TuTh.....12:30pm- 1:45pm (MTH 0102) STAFF
0704 (35739) TuTh.....12:30pm- 1:45pm (MTH 0104) STAFF
0705 (35740) TuTh.....12:30pm- 1:45pm (MTH B0431) STAFF
0801 (35741) TuTh..... 2:00pm- 3:15pm (MTH 0105) STAFF
0802 (35742) TuTh..... 2:00pm- 3:15pm (MTH 1313) STAFF
0803 (35743) TuTh..... 2:00pm- 3:15pm (MTH 1311) STAFF
0804 (35744) TuTh..... 2:00pm- 3:15pm (MTH 0302) STAFF
0805 (35745) TuTh..... 2:00pm- 3:15pm (MTH 0411) STAFF

A student enrolled in MATH A110, Spring 1994 MATH 110, will have a reserved seat in the course for the Spring 1994 semester. The enrollment must be confirmed during Spring 1994 advance registration.

MATH110 **Elementary Mathematical Models; Grade Method: REG/P-F/AUD.** *Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 001. Not open to students majoring in mathematics, engineering, and the physical sciences. Not open to students who have completed MATH 140, 220, or any MATH or STAT course for which MATH 140 or 220 is a prerequisite.* 3 credits
0101 (35756) MWF.....11:00am-11:50am (MTH 0101) STAFF
0102 (35757) MWF.....11:00am-11:50am (MTH 0407) STAFF
0103 (35758) MWF.....11:00am-11:50am (MTH 0405) STAFF
0104 (35759) MWF.....11:00am-11:50am (MTH 0304) STAFF
0106 (35760) MWF.....11:00am-11:50am (MTH 0307) STAFF
0107 (35761) MWF.....11:00am-11:50am (MTH 0411) STAFF
0201 (35762) MWF.....12:00pm-12:50pm (MTH 0101) STAFF
0202 (35763) MWF.....12:00pm-12:50pm (MTH 0407) STAFF
0203 (35764) MWF.....12:00pm-12:50pm (MTH 0405) STAFF
0204 (35765) MWF.....12:00pm-12:50pm (MTH 0304) STAFF

0205 (35766) MWF.....12:00pm-12:50pm (MTH 0306) STAFF
0206 (35767) MWF.....12:00pm-12:50pm (MTH 0307) STAFF
0207 (35768) MWF.....12:00pm-12:50pm (MTH 0201) STAFF
0301 (35769) MWF..... 1:00pm- 1:50pm (MTH 0303) STAFF
0302 (35770) MWF..... 1:00pm- 1:50pm (MTH 0407) STAFF
0303 (35771) MWF..... 1:00pm- 1:50pm (MTH 0304) STAFF
0304 (35772) MWF..... 1:00pm- 1:50pm (MTH 0409) STAFF
0305 (35773) MWF..... 1:00pm- 1:50pm (MTH 0306) STAFF
0306 (35774) MWF..... 1:00pm- 1:50pm (MTH 0307) STAFF
0307 (35775) MWF..... 1:00pm- 1:50pm (MTH 0301) STAFF
0401 (35776) MWF..... 2:00pm- 2:50pm (MTH 0303) STAFF
0402 (35777) MWF..... 2:00pm- 2:50pm (MTH 0407) STAFF
0403 (35778) MWF..... 2:00pm- 2:50pm (MTH 0304) STAFF
0404 (35779) MWF..... 2:00pm- 2:50pm (MTH 0409) STAFF
0405 (35780) MWF..... 2:00pm- 2:50pm (MTH 0306) STAFF
0406 (35781) MWF..... 2:00pm- 2:50pm (MTH 0307) STAFF
0407 (35782) MWF..... 2:00pm- 2:50pm (MTH 1308) STAFF

MATH111 **Introduction to Probability; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite permission of department based on satisfactory score on the mathematics placement exam, or MATH 110, or MATH 115. Not open to students majoring in mathematics, engineering or the physical sciences. Not open to students who have completed STAT 100 or any MATH or STAT course with a prerequisite of MATH 141. Credit will be granted for only one of the following: MATH 111 or STAT 100.* 3 credits

0101 (35793) MWF..... 1:00pm- 1:50pm (MTH 0405) STAFF
0102 (35794) MWF..... 1:00pm- 1:50pm (MTH 0101) STAFF
0103 (35795) MWF..... 1:00pm- 1:50pm (MTH 0106) STAFF
0105 (35796) MWF..... 1:00pm- 1:50pm (MTH 1311) STAFF
0106 (35797) MWF..... 1:00pm- 1:50pm (MTH 0401) STAFF
0201 (35798) MWF..... 2:00pm- 2:50pm (MTH 0405) STAFF
0202 (35799) MWF..... 2:00pm- 2:50pm (MTH 0101) STAFF
0203 (35800) MWF..... 2:00pm- 2:50pm (MTH 0106) STAFF
0204 (35801) MWF..... 2:00pm- 2:50pm (MTH 0403) STAFF
0205 (35802) MWF..... 2:00pm- 2:50pm (MTH 1311) STAFF
0206 (35803) MWF..... 2:00pm- 2:50pm (MTH 0401) STAFF

A student enrolled in MATH A115, Spring 1994 MATH 115, will have a reserved seat in the course for the Spring 1994 semester. The enrollment must be confirmed during Spring 1994 advanced registration.

MATH115 **Precalculus; Grade Method: REG/P-F/AUD.** *Prerequisite: permission of department based on satisfactory score on the mathematics placement exam or MATH 002. Not open to students who have completed MATH 140 or any MATH or STAT course for which MATH 140 is a prerequisite. Preparation for MATH 220 or MATH 140.* 3 credits

0101 (35813) MWF..... 8:00am- 8:50am (MTH 0101) STAFF
0102 (35814) MWF..... 8:00am- 8:50am (MTH 0407) STAFF
0103 (35815) MWF..... 8:00am- 8:50am (MTH 0405) STAFF
0104 (35816) MWF..... 8:00am- 8:50am (MTH 0306) STAFF
0105 (35817) MWF..... 8:00am- 8:50am (MTH 0307) STAFF
0106 (35818) MWF..... 8:00am- 8:50am (MTH 0303) STAFF
0107 (35819) MWF..... 8:00am- 8:50am (MTH 0409) STAFF
0108 (35820) MWF..... 8:00am- 8:50am (MTH 0403) STAFF
0109 (35821) MWF..... 8:00am- 8:50am (MTH 0106) STAFF
0110 (35822) MWF..... 8:00am- 8:50am (MTH 0105) STAFF
0111 (35823) MWF..... 8:00am- 8:50am (MTH B0429) STAFF
0201 (35825) MWF..... 9:00am- 9:50am (MTH 0101) STAFF
0202 (35826) MWF..... 9:00am- 9:50am (MTH 0407) STAFF
0203 (35827) MWF..... 9:00am- 9:50am (MTH 0405) STAFF
0204 (35828) MWF..... 9:00am- 9:50am (MTH 0306) STAFF
0207 (35830) MWF..... 9:00am- 9:50am (MTH 0409) STAFF
0208 (35831) MWF..... 9:00am- 9:50am (MTH 0403) STAFF
0209 (35832) MWF..... 9:00am- 9:50am (MTH 0106) STAFF
0210 (35833) MWF..... 9:00am- 9:50am (MTH 0105) STAFF
0211 (35834) MWF..... 9:00am- 9:50am (MTH B0429) STAFF
0301 (35835) MWF..... 3:00pm- 3:50pm (MTH 0101) STAFF
0302 (35836) MWF..... 3:00pm- 3:50pm (MTH 0407) STAFF
0303 (35837) MWF..... 3:00pm- 3:50pm (MTH 0405) STAFF
0304 (35838) MWF..... 3:00pm- 3:50pm (MTH 0306) STAFF
0305 (35839) MWF..... 3:00pm- 3:50pm (MTH 0307) STAFF
0306 (35840) MWF..... 3:00pm- 3:50pm (MTH 0303) STAFF
0307 (35841) MWF..... 3:00pm- 3:50pm (MTH 0409) STAFF
0308 (35842) MWF..... 3:00pm- 3:50pm (MTH 0403) STAFF
0309 (35843) MWF..... 3:00pm- 3:50pm (MTH 0106) STAFF
0310 (35844) MWF..... 3:00pm- 3:50pm (MTH 0105) STAFF
0311 (35845) MWF..... 3:00pm- 3:50pm (MTH 0304) STAFF

0401 (35846) MWF..... 4:00pm- 4:50pm (MTH 0101) STAFF
0402 (35847) MWF..... 4:00pm- 4:50pm (MTH 0407) STAFF
0403 (35848) MWF..... 4:00pm- 4:50pm (MTH 0405) STAFF
0404 (35849) MWF..... 4:00pm- 4:50pm (MTH 0306) STAFF
0405 (35850) MWF..... 4:00pm- 4:50pm (MTH 0307) STAFF
0406 (35851) MWF..... 4:00pm- 4:50pm (MTH 0303) STAFF
0407 (35852) MWF..... 4:00pm- 4:50pm (MTH 0409) STAFF
0408 (35853) MWF..... 4:00pm- 4:50pm (MTH 0403) STAFF
0409 (35854) MWF..... 4:00pm- 4:50pm (MTH 0106) STAFF
0410 (35855) MWF..... 4:00pm- 4:50pm (MTH 0105) STAFF
0411 (35856) MWF..... 4:00pm- 4:50pm (MTH 0304) STAFF

A student enrolled in MATH A140, Spring 1994 MATH 140, will have a reserved seat in the course for the Spring 1994 semester. The enrollment must be confirmed during Spring 1994 advance registration.

MATH140 **Calculus I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory score on the mathematics placement exam or MATH 115. Credit will be granted for only one of the following: MATH 140 or MATH 220.* Special note: all sections will require use of a graphics calculator. (Instruction will be with respect to the Texas Instruments TI-81 or TI-85 calculators). Special note for sections 041F and 042F: these special sections, the ACCEL program, will cover the same basic material as is usual for MATH 140. In addition, there will be an emphasis placed on student interaction in groups, including a team approach to solving some challenging calculus-based problems. To facilitate this alternate learning environment, there will be 3 one-hour lectures and 2 two-hour workshops each week, as well as enhanced assistance and support for students. 4 credits

0111 (35866) MWF..... 8:00am- 8:50am (PHY 1412) Berg, K.
TuTh..... 8:00am- 8:50am (MTH 0403) Dis
0112 (35867) MWF..... 8:00am- 8:50am (PHY 1412) Berg, K.
TuTh..... 8:00am- 8:50am (MTH 0106) Dis
0121 (35868) MWF..... 8:00am- 8:50am (PHY 1412) Berg, K.
TuTh..... 9:00am- 9:50am (MTH 0403) Dis
0122 (35869) MWF..... 8:00am- 8:50am (PHY 1412) Berg, K.
TuTh..... 9:00am- 9:50am (MTH 0106) Dis
0131 (35870) MWF..... 8:00am- 8:50am (PHY 1412) Berg, K.
TuTh.....10:00am-10:50am (MTH 0403) Dis
0132 (35871) MWF..... 8:00am- 8:50am (PHY 1412) Berg, K.
TuTh.....10:00am-10:50am (MTH 0106) Dis
0141 (35872) MWF..... 8:00am- 8:50am (PHY 1412) Berg, K.
TuTh.....11:00am-11:50am (MTH 0403) Dis
0142 (35873) MWF..... 8:00am- 8:50am (PHY 1412) Berg, K.
TuTh.....11:00am-11:50am (MTH 0106) Dis
0211 (35874) MWF..... 9:00am- 9:50am (ARM 0135) Gulick, D.
TuTh..... 8:00am- 8:50am (MTH 0305) Dis
0212 (35875) MWF..... 9:00am- 9:50am (ARM 0135) Gulick, D.
TuTh..... 8:00am- 8:50am (MTH 0105) Dis
0221 (35876) MWF..... 9:00am- 9:50am (ARM 0135) Gulick, D.
TuTh..... 9:00am- 9:50am (MTH 0305) Dis
0222 (35877) MWF..... 9:00am- 9:50am (ARM 0135) Gulick, D.
TuTh..... 9:00am- 9:50am (MTH 0105) Dis
0231 (35878) MWF..... 9:00am- 9:50am (ARM 0135) Gulick, D.
TuTh.....10:00am-10:50am (MTH 0305) Dis
0232 (35879) MWF..... 9:00am- 9:50am (ARM 0135) Gulick, D.
TuTh.....10:00am-10:50am (MTH 0105) Dis
0241 (35880) MWF..... 9:00am- 9:50am (ARM 0135) Gulick, D.
TuTh.....11:00am-11:50am (MTH 0305) Dis
0242 (35881) MWF..... 9:00am- 9:50am (ARM 0135) Gulick, D.
TuTh.....11:00am-11:50am (MTH 0105) Dis
0311 (35882) MWF..... 2:00pm- 2:50pm (ARM 0131) Coombes, K.
TuTh.....12:00pm-12:50pm (MTH 0403) Dis
0312 (35883) MWF..... 2:00pm- 2:50pm (ARM 0131) Coombes, K.
TuTh.....12:00pm-12:50pm (MTH 0106) Dis
0321 (35884) MWF..... 2:00pm- 2:50pm (ARM 0131) Coombes, K.
TuTh..... 1:00pm- 1:50pm (MTH 0403) Dis
0322 (35885) MWF..... 2:00pm- 2:50pm (ARM 0131) Coombes, K.
TuTh..... 1:00pm- 1:50pm (MTH 0106) Dis
0331 (35886) MWF..... 2:00pm- 2:50pm (ARM 0131) Coombes, K.
TuTh..... 2:00pm- 2:50pm (MTH 0403) Dis
0332 (35887) MWF..... 2:00pm- 2:50pm (ARM 0131) Coombes, K.
TuTh..... 2:00pm- 2:50pm (MTH 0106) Dis
0341 (35888) MWF..... 2:00pm- 2:50pm (ARM 0131) Coombes, K.
TuTh..... 3:00pm- 3:50pm (MTH 0403) Dis
0342 (35889) MWF..... 2:00pm- 2:50pm (ARM 0131) Coombes, K.
TuTh..... 3:00pm- 3:50pm (MTH 0106) Dis
041F (35890) MWF..... 1:00pm- 1:50pm (ARM 0131) Wolpert, S.
TuTh.....10:00am-11:50am (MTH 0201) Dis
042F (35891) MWF..... 1:00pm- 1:50pm (ARM 0131) Wolpert, S.
TuTh..... 1:00pm- 2:50pm (MTH 0201) Dis
0435 (35892) MWF..... 1:00pm- 1:50pm (ARM 0131) Wolpert, S.
TuTh.....10:00am-10:50am (MTH 0405) Dis
0436 (35893) MWF..... 1:00pm- 1:50pm (ARM 0131) Wolpert, S.
TuTh.....10:00am-10:50am (MTH B0427) Dis
0445 (35894) MWF..... 1:00pm- 1:50pm (ARM 0131) Wolpert, S.
TuTh..... 1:00pm- 1:50pm (MTH 0409) Dis
0446 (35895) MWF..... 1:00pm- 1:50pm (ARM 0131) Wolpert, S.
TuTh..... 1:00pm- 1:50pm (MTH 0301) Dis
0501 (35896) MF..... 1:00pm- 1:50pm (MTH 0103) STAFF
W.....12:00pm- 1:50pm (MTH 0103)

MATH140H (PermReq) **Calculus I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory score on the mathematics placement exam or MATH 115. Credit will be granted for only one of the following: MATH 140 or MATH 220.* Open only to general honors students. Offered fall only. 4 credits

20F1 (35906) TuTh..... 9:30am-10:45am (MTH 0304) Rudolph, D.
F..... 9:00am- 9:50am (MTH 0304)

MATH141 **Calculus II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: MATH 140 or equivalent. Credit will be granted for only one of the following: MATH 141 or MATH 221.* Special note: all sections will require use of a graphics calculator. (Instruction will be with respect to the Texas Instruments TI-81 or TI-85 calculators). 4 credits

0111 (35916) MWF..... 9:00am- 9:50am (ARM 0131) Ellis, R.
TuTh..... 8:00am- 8:50am (MTH 0103) Dis
0112 (35917) MWF..... 9:00am- 9:50am (ARM 0131) Ellis, R.
TuTh..... 8:00am- 8:50am (MTH 0409) Dis
0121 (35918) MWF..... 9:00am- 9:50am (ARM 0131) Ellis, R.
TuTh..... 9:00am- 9:50am (MTH 0103) Dis
0122 (35919) MWF..... 9:00am- 9:50am (ARM 0131) Ellis, R.
TuTh..... 9:00am- 9:50am (MTH 0409) Dis
0131 (35920) MWF..... 9:00am- 9:50am (ARM 0131) Ellis, R.
TuTh.....10:00am-10:50am (MTH 0103) Dis
0132 (35921) MWF..... 9:00am- 9:50am (ARM 0131) Ellis, R.
TuTh.....10:00am-10:50am (MTH 0409) Dis
0141 (35922) MWF..... 9:00am- 9:50am (ARM 0131) Ellis, R.
TuTh.....11:00am-11:50am (MTH 0103) Dis
0142 (35923) MWF..... 9:00am- 9:50am (ARM 0131) Ellis, R.
TuTh.....11:00am-11:50am (MTH 0409) Dis
0211 (35924) MWF.....11:00am-11:50am (ARM 0131) Greenberg, L.
TuTh.....10:00am-10:50am (MTH 1315) Dis
0212 (35925) MWF.....11:00am-11:50am (ARM 0131) Greenberg, L.
TuTh.....10:00am-10:50am (MTH 1311) Dis
0221 (35926) MWF.....11:00am-11:50am (ARM 0131) Greenberg, L.
TuTh.....11:00am-11:50am (MTH 1315) Dis
0222 (35927) MWF.....11:00am-11:50am (ARM 0131) Greenberg, L.
TuTh.....11:00am-11:50am (MTH 1311) Dis
0231 (35928) MWF.....11:00am-11:50am (ARM 0131) Greenberg, L.
TuTh.....12:00pm-12:50pm (MTH 1315) Dis
0232 (35929) MWF.....11:00am-11:50am (ARM 0131) Greenberg, L.
TuTh.....12:00pm-12:50pm (MTH 1311) Dis
0241 (35930) MWF.....11:00am-11:50am (ARM 0131) Greenberg, L.
TuTh..... 1:00pm- 1:50pm (MTH 1315) Dis
0242 (35931) MWF.....11:00am-11:50am (ARM 0131) Greenberg, L.
TuTh..... 1:00pm- 1:50pm (MTH 1311) Dis
0311 (35932) MWF..... 2:00pm- 2:50pm (SKN 0200) Horvath, J.
TuTh..... 1:00pm- 1:50pm (MTH 0306) Dis
0312 (35933) MWF..... 2:00pm- 2:50pm (SKN 0200) Horvath, J.
TuTh..... 1:00pm- 1:50pm (MTH 0307) Dis
0321 (35934) MWF..... 2:00pm- 2:50pm (SKN 0200) Horvath, J.
TuTh..... 2:00pm- 2:50pm (MTH 0306) Dis
0322 (35935) MWF..... 2:00pm- 2:50pm (SKN 0200) Horvath, J.
TuTh..... 2:00pm- 2:50pm (MTH 0307) Dis
0331 (35936) MWF..... 2:00pm- 2:50pm (SKN 0200) Horvath, J.
TuTh..... 3:00pm- 3:50pm (MTH 0306) Dis
0332 (35937) MWF..... 2:00pm- 2:50pm (SKN 0200) Horvath, J.
TuTh..... 3:00pm- 3:50pm (MTH 0307) Dis
0341 (35938) MWF..... 2:00pm- 2:50pm (SKN 0200) Horvath, J.
TuTh..... 4:00pm- 4:50pm (MTH 0306) Dis
0342 (35939) MWF..... 2:00pm- 2:50pm (SKN 0200) Horvath, J.
TuTh..... 4:00pm- 4:50pm (MTH 0307) Dis

MATH141H (PermReq) **Calculus II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: MATH 140 or equivalent. Credit will be granted for only one of the following: MATH 141 or MATH 221.* 4 credits

20F1 (35949) MWThF.....10:00am-10:50am (MTH B0425) Dancis, J.

MATH210 **Elements of Mathematics; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: one year of college preparatory algebra. Required for majors in elementary education, and open only to students in this field.* MATH 210 is open only to the following majors: 08230-Educ Early Childhood, 0823X-Pre-Early Childhood Educ, 08020-Educ Elem, 0802X-Pre Elem Educ, 0808B-Spec Educ, 0808X-Prespecial Educ. 4 credits

0101 (35959) MW..... 8:00am- 8:50am (MTH B0425) STAFF
F..... 8:00am- 9:50am (MTH B0425)
0201 (35960) MW..... 9:00am- 9:50am (MTH B0425) STAFF
Th..... 8:00am- 9:50am (MTH B0425)
0301 (35961) MF..... 9:00am- 9:50am (MTH B0427) STAFF
Th..... 8:00am- 9:50am (MTH B0427)
0401 (35962) MTh.....11:00am-11:50am (MTH B0429) STAFF
W.....11:00am-12:50pm (MTH B0429)
0501 (35963) MF.....11:00am-11:50am (MTH B0425) STAFF
W.....11:00am-12:50pm (MTH B0425)

MATH211 **Elements of Geometry; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: MATH 210* 4 credits

0101 (35973) MF..... 1:00pm- 1:50pm (MTH B0429) STAFF
W..... 1:00pm- 2:50pm (MTH B0429)
0201 (35974) MW..... 1:00pm- 1:50pm (MTH B0427) STAFF
Th..... 1:00pm- 2:50pm (MTH B0427)
0301 (35975) MF..... 2:00pm- 2:50pm (MTH 0104) STAFF
W..... 2:00pm- 3:50pm (MTH 0104)
0401 (35976) MW..... 2:00pm- 2:50pm (MTH B0427) STAFF
F..... 1:00pm- 2:50pm (MTH B0427)

A student enrolled in MATH A220, Spring 1994 MATH 220, will have a reserved seat in the course for the Spring 1994 semester. The enrollment must be confirmed during Spring 1994 advance registration.

MATH220 **Elementary Calculus I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory performance on the mathematics placement exam, or MATH 115. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 140 or MATH 220.* 5 credits

0111 (35986) MWF.....10:00am-10:50am (ARM 0131) Sweet, D.
Tu.....11:00am-11:50am (MTH 0305) Dis
0112 (35987) MWF.....10:00am-10:50am (ARM 0131) Sweet, D.
Tu.....11:00am-11:50am (MTH 0304) Dis
0121 (35988) MWF.....10:00am-10:50am (ARM 0131) Sweet, D.
Tu.....12:00pm-12:50pm (MTH 0303) Dis
0122 (35989) MWF.....10:00am-10:50am (ARM 0131) Sweet, D.
Tu.....12:00pm-12:50pm (MTH 0304) Dis
0131 (35990) MWF.....10:00am-10:50am (ARM 0131) Sweet, D.
Tu..... 1:00pm- 1:50pm (MTH 0303) Dis
0132 (35991) MWF.....10:00am-10:50am (ARM 0131) Sweet, D.
Tu..... 1:00pm- 1:50pm (MTH 0304) Dis
0141 (35992) MWF.....10:00am-10:50am (ARM 0131) Sweet, D.
Tu..... 2:00pm- 2:50pm (MTH 0303) Dis
0142 (35993) MWF.....10:00am-10:50am (ARM 0131) Sweet, D.
Tu..... 2:00pm- 2:50pm (MTH 0304) Dis
0211 (35994) MWF..... 2:00pm- 2:50pm (ARM 0135) Lay, D.
Th.....11:00am-11:50am (MTH 0303) Dis
0212 (35995) MWF..... 2:00pm- 2:50pm (ARM 0135) Lay, D.
Th.....11:00am-11:50am (MTH 0304) Dis
0221 (35996) MWF..... 2:00pm- 2:50pm (ARM 0135) Lay, D.
Th.....12:00pm-12:50pm (MTH 0303) Dis
0222 (35997) MWF..... 2:00pm- 2:50pm (ARM 0135) Lay, D.
Th.....12:00pm-12:50pm (MTH 0304) Dis
0231 (35998) MWF..... 2:00pm- 2:50pm (ARM 0135) Lay, D.
Th..... 1:00pm- 1:50pm (MTH 0303) Dis
0232 (35999) MWF..... 2:00pm- 2:50pm (ARM 0135) Lay, D.
Th..... 1:00pm- 1:50pm (MTH 0304) Dis
0241 (36000) MWF..... 2:00pm- 2:50pm (ARM 0135) Lay, D.
Th..... 2:00pm- 2:50pm (MTH 0303) Dis
0242 (36001) MWF..... 2:00pm- 2:50pm (ARM 0135) Lay, D.
Th..... 2:00pm- 2:50pm (MTH 0304) Dis
0311 (36002) TuTh..... 9:30am-10:45am (ARM 0131) Goldberg, S.
M..... 8:00am- 8:50am (MTH 0305) Dis
0312 (36003) TuTh..... 9:30am-10:45am (ARM 0131) Goldberg, S.
M..... 8:00am- 8:50am (MTH 0302) Dis
0321 (36004) TuTh..... 9:30am-10:45am (ARM 0131) Goldberg, S.
M..... 9:00am- 9:50am (MTH 0305) Dis
0322 (36005) TuTh..... 9:30am-10:45am (ARM 0131) Goldberg, S.
M..... 9:00am- 9:50am (MTH 0302) Dis
0331 (36006) TuTh..... 9:30am-10:45am (ARM 0131) Goldberg, S.
M.....10:00am-10:50am (MTH 0305) Dis
0332 (36007) TuTh..... 9:30am-10:45am (ARM 0131) Goldberg, S.
M.....10:00am-10:50am (MTH 0302) Dis
0341 (36008) TuTh..... 9:30am-10:45am (ARM 0131) Goldberg, S.
M.....11:00am-11:50am (MTH 0305) Dis
0342 (36009) TuTh..... 9:30am-10:45am (ARM 0131) Goldberg, S.
M.....11:00am-11:50am (MTH 0302) Dis
0411 (36010) TuTh..... 2:00pm- 3:15pm (ARM 0131) Zedek, M.
M..... 1:00pm- 1:50pm (MTH 0305) Dis
0412 (36011) TuTh..... 2:00pm- 3:15pm (ARM 0131) Zedek, M.
M..... 1:00pm- 1:50pm (MTH 0302) Dis
0421 (36012) TuTh..... 2:00pm- 3:15pm (ARM 0131) Zedek, M.
M..... 2:00pm- 2:50pm (MTH 0305) Dis
0422 (36013) TuTh..... 2:00pm- 3:15pm (ARM 0131) Zedek, M.
M..... 2:00pm- 2:50pm (MTH 0302) Dis
0431 (36014) TuTh..... 2:00pm- 3:15pm (ARM 0131) Zedek, M.
M..... 3:00pm- 3:50pm (MTH 0305) Dis
0432 (36015) TuTh..... 2:00pm- 3:15pm (ARM 0131) Zedek, M.
M..... 3:00pm- 3:50pm (MTH 0302) Dis
0441 (36016) TuTh..... 2:00pm- 3:15pm (ARM 0131) Zedek, M.
M..... 4:00pm- 4:50pm (MTH 0305) Dis
0442 (36017) TuTh..... 2:00pm- 3:15pm (ARM 0131) Zedek, M.
M..... 4:00pm- 4:50pm (MTH 0302) Dis

MATH221 **Elementary Calculus II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: MATH 220, or MATH 140, or equivalent. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 141 or MATH 221.* 5 credits

0111 (36027) TuTh.....11:00am-12:15pm (ARM 0126) Hamilton, D.
W..... 8:00am- 8:50am (MTH 0305) Dis
0112 (36028) TuTh.....11:00am-12:15pm (ARM 0126) Hamilton, D.
W..... 8:00am- 8:50am (MTH 0302) Dis
0121 (36029) TuTh.....11:00am-12:15pm (ARM 0126) Hamilton, D.
W..... 9:00am- 9:50am (MTH 0305) Dis
0122 (36030) TuTh.....11:00am-12:15pm (ARM 0126) Hamilton, D.
W..... 9:00am- 9:50am (MTH 0302) Dis
0131 (36031) TuTh.....11:00am-12:15pm (ARM 0126) Hamilton, D.
W.....10:00am-10:50am (MTH 0305) Dis
0132 (36032) TuTh.....11:00am-12:15pm (ARM 0126) Hamilton, D.
W.....10:00am-10:50am (MTH 0302) Dis
0141 (36033) TuTh.....11:00am-12:15pm (ARM 0126) Hamilton, D.
W.....11:00am-11:50am (MTH 0305) Dis
0142 (36034) TuTh.....11:00am-12:15pm (ARM 0126) Hamilton, D.
W.....11:00am-11:50am (MTH 0302) Dis
0211 (36035) TuTh.....12:30pm- 1:45pm (ARM 0126) Adams, J.
W..... 1:00pm- 1:50pm (MTH 0305) Dis
0212 (36036) TuTh.....12:30pm- 1:45pm (ARM 0126) Adams, J.
W..... 1:00pm- 1:50pm (MTH 0302) Dis
0221 (36037) TuTh.....12:30pm- 1:45pm (ARM 0126) Adams, J.
W..... 2:00pm- 2:50pm (MTH 0305) Dis
0222 (36038) TuTh.....12:30pm- 1:45pm (ARM 0126) Adams, J.
W..... 2:00pm- 2:50pm (MTH 0302) Dis
0231 (36039) TuTh.....12:30pm- 1:45pm (ARM 0126) Adams, J.
W..... 3:00pm- 3:50pm (MTH 0305) Dis
0232 (36040) TuTh.....12:30pm- 1:45pm (ARM 0126) Adams, J.
W..... 3:00pm- 3:50pm (MTH 0302) Dis
0241 (36041) TuTh.....12:30pm- 1:45pm (ARM 0126) Adams, J.
W..... 4:00pm- 4:50pm (MTH 0305) Dis
0242 (36042) TuTh.....12:30pm- 1:45pm (ARM 0126) Adams, J.
W..... 4:00pm- 4:50pm (MTH 0302) Dis

MATH240 **Introduction to Linear Algebra; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: MATH 141 or equivalent. Credit will be granted for only one of the following: MATH 240 or MATH 400 or MATH 461.* 4 credits

0111 (36052) MWF.....10:00am-10:50am (ARM 0135) Boyle, M.
TuTh..... 9:00am- 9:50am (MTH 0306) Dis
0112 (36053) MWF.....10:00am-10:50am (ARM 0135) Boyle, M.
TuTh..... 9:00am- 9:50am (MTH 0307) Dis
0121 (36054) MWF.....10:00am-10:50am (ARM 0135) Boyle, M.
TuTh.....10:00am-10:50am (MTH 0306) Dis
0122 (36055) MWF.....10:00am-10:50am (ARM 0135) Boyle, M.
TuTh.....10:00am-10:50am (MTH 0307) Dis
0131 (36056) MWF.....10:00am-10:50am (ARM 0135) Boyle, M.
TuTh.....11:00am-11:50am (MTH 0306) Dis
0132 (36057) MWF.....10:00am-10:50am (ARM 0135) Boyle, M.
TuTh.....11:00am-11:50am (MTH 0307) Dis
0141 (36058) MWF.....10:00am-10:50am (ARM 0135) Boyle, M.
TuTh.....12:00pm-12:50pm (MTH 0306) Dis
0142 (36059) MWF.....10:00am-10:50am (ARM 0135) Boyle, M.
TuTh.....12:00pm-12:50pm (MTH 0307) Dis

MATH241 **Calculus III; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisites: MATH 141 and any one of the following: MATH 240, or ENES 102, or PHYS 171.* 4 credits

1411 (36069) MWF.....11:00am-11:50am (ARM 0126) Chang, D.
TuTh.....11:00am-11:50am (MTH 0405) Dis
1412 (36070) MWF.....11:00am-11:50am (ARM 0126) Chang, D.
TuTh.....11:00am-11:50am (MTH 1308) Dis
1421 (36071) MWF.....11:00am-11:50am (ARM 0126) Chang, D.
TuTh.....12:00pm-12:50pm (MTH 0405) Dis
1422 (36072) MWF.....11:00am-11:50am (ARM 0126) Chang, D.
TuTh.....12:00pm-12:50pm (MTH 1308) Dis
1431 (36073) MWF.....11:00am-11:50am (ARM 0126) Chang, D.
TuTh..... 1:00pm- 1:50pm (MTH 0405) Dis
1432 (36074) MWF.....11:00am-11:50am (ARM 0126) Chang, D.
TuTh..... 1:00pm- 1:50pm (MTH 1308) Dis
1441 (36075) MWF.....11:00am-11:50am (ARM 0126) Chang, D.
TuTh..... 2:00pm- 2:50pm (MTH 0405) Dis
1442 (36076) MWF.....11:00am-11:50am (ARM 0126) Chang, D.
TuTh..... 2:00pm- 2:50pm (MTH 1308) Dis
1601 (36077) MTuWF..... 8:00am- 8:50am (MTH B0421) Gulick, D.
1701 (36078) MF..... 9:00am- 9:50am (MTH 1308) Lopez-Escobar,
W..... 9:00am-10:50am (MTH 1308)
1801 (36079) TuTh..... 9:30am-10:45am (MTH 1308) Rohrlich, D.
F.....10:00am-10:50am (MTH 1308)
1901 (36080) MWThF.....11:00am-11:50am (MTH B0421) Green, P.
2001 (36081) TuTh.....12:30pm- 1:45pm (MTH 0105) Wu, J.
M.....12:00pm-12:50pm (MTH 0105)
2101 (36082) MTuWF.....10:00am-10:50am (MTH B0423) Currier, A.
2201 (36085) MF..... 2:00pm- 2:50pm (MTH 1315) STAFF
W..... 2:00pm- 3:50pm (MTH 1315)
2301 (36084) MWF.....12:00pm-12:50pm (MTH B0421) Warner, C.
Tu.....11:00am-11:50am (MTH B0421)
2401 (36085) TuTh..... 8:00am- 9:15am (MTH 0304) STAFF
W..... 9:00am- 9:50am (MTH 0304)

MATH241H (PermReq) **Calculus III; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisites: MATH 141 and any one of the following: MATH 240, or ENES 102, or PHYS 171.* 4 credits

2011 (36095) MWThF.....10:00am-10:50am (MTH 0305) Markley, N.

MATH246 **Differential Equations for Scientists and Engineers; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: MATH 141 or equivalent* 5 credits

0101 (36105) MWF..... 8:00am- 8:50am (MTH 0304) Gray, A.
0201 (36106) MWF..... 9:00am- 9:50am (MTH 0411) Lipsman, R.
0301 (36107) MWF.....10:00am-10:50am (MTH 0304) Osborn, J.
0401 (36108) MWF.....11:00am-11:50am (MTH 0105) Sather, J.
0501 (36109) MWF.....12:00pm-12:50pm (MTH 0305) Helzer, G.
0601 (36110) MWF..... 2:00pm- 2:50pm (MTH B0421) Olver, P.
0701 (36111) TuTh..... 9:30am-10:45am (MTH 0101) Yakobson, M.
0801 (36112) TuTh.....11:00am-12:15pm (MTH 0302) Iozzi, A.
0901 (36113) TuTh.....12:30pm- 1:45pm (MTH 0305) Kudla, S.
1001 (36114) TuTh.....12:30pm- 1:45pm (MTH 0105) King, H.
1101 (36115) TuTh..... 2:00pm- 3:15pm (MTH B0421) Nochetto, R.
1201 (36116) TuTh..... 5:30pm- 6:45pm (MTH B0421) Winkelnkemper,

MATH246H (PermReq) **Differential Equations for Scientists and Engineers; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: MATH 141 or equivalent* 5 credits

2011 (36126) TuTh..... 9:30am-10:45am (MTH 0102) Rosenberg, J.

MATH250 (PermReq) **Analysis I (Honors); Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: permission of department.* Offered fall only. 4 credits

01F1 (36136) MWThF.....10:00am-10:50am (MTH 0411) Stuck, G.

MATH298A (PermReq) **Selected Topics in Mathematics; Grade Method: REG/P-F/AUD.** Individual instruction course: contact department or instructor to obtain section number. 1-3 credits

MATH386 (PermReq) **Experiential Learning; Grade Method: REG/P-F.** Individual instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3-6 credits

MATH401 **Applications of Linear Algebra; Grade Method: REG/P-F/AUD.** *Prerequisite: MATH 240 or MATH 461.* 3 credits

0101 (36154) MWF..... 9:00am- 9:50am (MTH 0103) Chu, H.
0201 (36155) MWF.....10:00am-10:50am (MTH 0307) Helzer, G.
0301 (36156) TuTh..... 9:30am-10:45am (MTH B0421) King, H.
0401 (36157) TuTh.....12:30pm- 1:45pm (MTH 0107) STAFF

MATH402 **Algebraic Structures; Grade Method: REG/P-F/AUD.** *Prerequisite: MATH 240 or equivalent. Not open to mathematics graduate students. Credit will be granted for only one of the following: MATH 402 or MATH 403.* Students planning graduate work in mathematics should take MATH 403. 3 credits

0101 (36167) TuTh..... 3:30pm- 4:45pm (MTH 0407) Schafer, J.

MATH403 **Introduction to Abstract Algebra; Grade Method:** 3 credits

REG/P-F/AUD. *Prerequisites: MATH 240 and MATH 241, or equivalent. Credit will be granted for only one of the following: MATH 402 or MATH 403.*

0101 (36177) MWF..... 9:00am- 9:50am (MTH B042.) Kleppner, A.

MATH405 **Linear Algebra; Grade Method: REG/P-F/AUD.** 3 credits
Prerequisite: MATH 240 or MATH 461.

0101 (36187) MWF.....11:00am-11:50am (MTH 0401) Horvath, J.

MATH406 **Introduction to Number Theory; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course.** 3 credits
Prerequisite: MATH 141 or permission of department.

0101 (36197) MWF.....10:00am-10:50am (MTH 0306) Auslander, J.
0201 (36198) TuTh.....11:00am-12:15pm (MTH 0411) Roberts, B.
0301 (36199) TuTh.....12:30pm- 1:45pm (MTH B0421) Efrat, I.
0401 (36200) TuTh..... 2:00pm- 3:15pm (MTH 0101) Schafer, J.
0501 (36201) TuTh..... 3:30pm- 4:45pm (MTH 0101) Wang, X.

MATH410 **Advanced Calculus I; Grade Method: REG/P-F/AUD.** 3 credits
(PermReq) *Prerequisites: MATH 240, and MATH 241.*

0101 (36211) MWF.....10:00am-10:50am (MTH 0405) Berg, K.
0201 (36212) MWF.....11:00am-11:50am (MTH 1313) Neri, U.
0301 (36213) MWF.....12:00pm-12:50pm (MTH 1313) Boyle, M.
0401 (36214) MWF..... 1:00pm- 1:50pm (MTH 0411) Auslander, J.

MATH411 **Advanced Calculus II; Grade Method: REG/P-F/AUD.** 3 credits
(PermReq) *Prerequisites: MATH 410.*

0101 (36224) TuTh..... 9:30am-10:45am (MTH 0407) Fitzpatrick, P.
0201 (36225) MWF..... 9:00am- 9:50am (MTH 1313) Sather, J.

MATH414 **Differential Equations; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 410; and MATH 240 or equivalent.* 3 credits

0101 (36235) MWF..... 9:00am- 9:50am (MTH 0201) Sweet, D.

MATH415 **Introduction to Partial Differential Equations; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 246, and MATH 411 or MATH 251. MATH 411 and MATH 415 may be taken concurrently. Credit will be granted for only one of the following: MATH 415 or MATH 462.* Offered fall only. 3 credits

0101 (36245) MWF..... 2:00pm- 2:50pm (CHM 0124) Neri, U.

MATH430 **Euclidean and Non-Euclidean Geometries; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course.** 3 credits
Prerequisite: MATH 141.

0101 (36255) TuTh..... 2:00pm- 3:15pm (MTH 0103) Winkelnkemper,
0201 (36256) MWF..... 9:00am- 9:50am (MTH 0102) Green, P.

MATH432 **Introduction to Point Set Topology; Grade Method: REG/P-F/AUD.** *Prerequisite: MATH 410 or equivalent.* Offered fall only. 3 credits

0101 (36266) TuTh.....11:00am-12:15pm (MTH 0301) Goldberg, S.

MATH436 **Differential Geometry of Curves and Surfaces I; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 241, and either MATH 240 or MATH 461.* Offered fall only. 3 credits

0101 (36276) TuTh..... 9:30am-10:45am (MTH 0301) Iozzi, A.

MATH445 **Elementary Mathematical Logic; Grade Method: REG/P-F/AUD.** *Prerequisite: MATH 141. Credit will be granted for only one of the following: MATH 445 or MATH 450/CMSC 450.* 3 credits

0101 (36286) MWF..... 2:00pm- 2:50pm (MTH 0201) Lopez-Escobar,

MATH447 **Introduction to Mathematical Logic; Grade Method: REG/P-F/AUD.** *Prerequisite: MATH 403 or MATH 410.* Offered fall only. 3 credits

0101 (36296) MWF.....10:00am-10:50am (MTH B0427) Owings, J.

MATH450 **Logic for Computer Science; Grade Method: REG/P-F/AUD.** *Prerequisites: (CMSC 251 and MATH 141) (with grade of C or better) Also offered as CMSC 450. Credit will be granted for only one of the following: MATH 445 or MATH 450/CMSC 450.* 3 credits

0101 (36306) TuTh..... 2:00pm- 3:15pm (MTH 0409) Laskowski, M.

MATH452 **Introduction to Dynamics and Chaos; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course.** *Prerequisite: MATH 246.* Offered fall only. 3 credits

0101 (36316) TuTh..... 9:30am-10:45am (MTH B0429) Grebogi, C.

MATH461 **Linear Algebra for Scientists and Engineers; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 141 and one MATH/STAT course for which MATH 141 is a prerequisite. This course cannot be used toward the upper level math requirements for MATH/STAT majors. Credit will be granted for only one of the following: MATH 240, MATH 400 or MATH 461.* 3 credits

0101 (36326) MWF..... 8:00am- 8:50am (MTH 0103) Kleppner, A.
0201 (36327) MWF.....10:00am-10:50am (MTH 0407) Herb, R.
0301 (36328) MWF..... 1:00pm- 1:50pm (MTH 1313) Dancis, J.
0401 (36329) TuTh.....11:00am-12:15pm (MTH 0102) Wu, J.
0501 (36330) TuTh..... 2:00pm- 3:15pm (MTH 0407) Lay, D.
0601 (36331) TuTh..... 3:30pm- 4:45pm (MTH 0405) Grebogi, C.

MATH462 **Partial Differential Equations for Scientists and Engineers; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 241, and MATH 246. Credit will be granted for only one of the following: MATH 462 or MATH 415.* 3 credits

0101 (36341) MWF.....10:00am-10:50am (MTH 0101) Chu, H.
0201 (36342) MWF..... 1:00pm- 1:50pm (MTH B0431) STAFF
0301 (36343) TuTh.....12:30pm- 1:45pm (MTH 0407) STAFF
0401 (36344) TuTh..... 3:30pm- 4:45pm (MTH 0303) Hamilton, D.

MATH463 **Complex Variables for Scientists and Engineers; Grade Method: REG/P-F/AUD.** *Prerequisite: MATH 241 or equivalent.* 3 credits

0101 (36354) MWF..... 9:00am- 9:50am (MTH 1311) Gray, A.
0201 (36355) MWF.....11:00am-11:50am (MTH B0423) Ellis, R.
0301 (36356) MWF.....12:00pm-12:50pm (MTH 0409) Currier, A.
0401 (36357) MWF..... 1:00pm- 1:50pm (MTH 0105) Greenberg, L.
0501 (36358) TuTh.....11:00am-12:15pm (MTH 0104) Zedek, M.
0601 (36359) TuTh.....12:30pm- 1:45pm (MTH 0101) Yakobson, M.

MATH464 **Transform Methods for Scientists and Engineers; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 246, and MATH 463.* 3 credits

0101 (36369) TuTh.....12:30pm- 1:45pm (MTH B0423) Benedetto, J.

MATH472 **Methods and Models in Applied Mathematics I; Grade Method: REG/P-F/AUD.** *Prerequisite: MATH 241; and MATH 246, and MATH 240; and PHYS 161 or PHYS 171 or permission of department. Recommended: one of: MATH 410, MATH 414, MATH 415, MATH 462, MATH 463 or PHYS 262, PHYS 273. Also offered as MAPL 472. Credit will be granted for only one of the following: MATH 472 and MAPL 472.* Offered fall only. 3 credits

0101 (36379) MWF.....10:00am-10:50am (MTH B0429) Pego, R.

MATH475 **Combinatorics and Graph Theory; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 240, and MATH 241. Also offered as CMSC 475. Credit will be granted for only one of the following: MATH 475 or CMSC 475.* 3 credits

0101 (36389) TuTh.....12:30pm- 1:45pm (MTH 0401) Rohrlich, D.

MATH478A (PermReq) **Selected Topics For Teachers of Mathematics; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number.** MATH 478A cannot be used toward the upper level MATH requirements for MATH/STAT majors. Earn credit for assisting in the classroom for selected mathematics courses. For further information come to MTH 1117. 1-3 credits

MATH498A (PermReq) **Selected Topics in Mathematics; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number.** 1-9 credits

MATH498B **Selected Topics in Mathematics: Groebner Bases; Grade Method: REG/P-F/AUD.** 3 credits

0201 (36441) MWF.....12:00pm-12:50pm (MTH 0401) Adams, W.

MATH499 **Honors Seminar; Grade Method: REG/P-F/AUD.** 2 credits

0101 (36451) Tu..... 3:30pm- 5:30pm (MTH 0304) Brin, M.

MATH800 **Abstract Algebra I; Grade Method: REG/AUD.** *Prerequisite: MATH 405 or equivalent.* Offered fall only. 3 credits

0101 (36461) MWF.....12:00pm-12:50pm (MTH 0303) Coombes, K.

MATH808A **Selected Topics in Algebra; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** 3 credits

MATH808B **Selected Topics in Algebra; Grade Method: REG/AUD.** 3 credits

0201 (36481) TuTh..... 3:30pm- 4:45pm (MTH 0103) Efrat, I.

MATH820 **Algebraic Number Theory I; Grade Method: REG/AUD.** *Prerequisite: MATH 601.* Offered fall only. 3 credits

0101 (36491) TuTh..... 9:30am-10:45am (MTH 0107) Kudla, S.

MATH830 **Real Analysis I; Grade Method: REG/AUD.** *Prerequisite: MATH 411 or equivalent.* 3 credits

0101 (36501) MWF..... 1:00pm- 1:50pm (MTH B0421) Warner, C.

MATH832 **Functional Analysis; Grade Method: REG/AUD.** *Prerequisite: MATH 631.* Offered fall only. 3 credits

0101 (36511) TuTh..... 2:00pm- 3:15pm (MTH B0423) Wang, X.

MATH842 **Dynamical Systems I; Grade Method: REG/AUD.** *Prerequisites: MATH 432, and MATH 630 or equivalent.* Offered fall only. 3 credits

0101 (36521) TuTh.....11:00am-12:15pm (MTH B0423) Brin, M.

MATH848A **Selected Topics in Analysis; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** 3 credits

MATH848B **Selected Topics in Analysis: Sampling and Wavelets; Grade Method: REG/AUD.** 3 credits

0201 (36563) TuTh..... 9:30am-10:45am (MTH 0401) Benedetto, J.

MATH860 **Complex Analysis I; Grade Method: REG/AUD.** *Prerequisite: MATH 410 or equivalent.* 3 credits

0101 (36573) TuTh.....11:00am-12:15pm (MTH B0425) Berenstein, C.

MATH868A **Selected Topics in Complex Analysis; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** 3 credits

MATH870 **Ordinary Differential Equations I; Grade Method: REG/AUD.** *Prerequisites: MATH 406, and MATH 410 or the equivalent. Also offered as MAPL 670.* Offered fall only. 3 credits

0101 (36586) TuTh..... 2:00pm- 3:15pm (MTH 0107) Antman, S.

MATH873 **Classical Methods in Partial Differential Equations I; Grade Method: REG/AUD.** *Prerequisite: MATH 410 or equivalent. Also offered as MAPL 673.* Offered fall only. 3 credits

0101 (36598) TuTh..... 2:00pm- 3:15pm (MTH B0425) Maddocks, J.

MATH880 **Eigenvalue and Boundary Value Problems I; Grade Method: REG/AUD.** *Prerequisites: MATH 406, and MATH 410 or equivalent. Also offered as MAPL 680.* Offered fall only. 3 credits

0101 (36608) MWF..... 9:00am- 9:50am (MTH 0107) Wolfe, P.

MATH712 **Mathematical Logic I; Grade Method: REG/AUD.** Offered fall only. 3 credits

0101 (36618) MWF.....10:00am-10:50am (MTH 0107) Kueker, D.

MATH718 **Topics in Recursion Theory; Grade Method: REG/AUD.** *Prerequisite: MATH 713.* 3 credits

0101 (36628) MWF.....11:00am-11:50am (MTH B0427) Owings, J.

MATH718A **Selected Topics in Mathematical Logic; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** 3 credits

MATH730 **Fundamental Concepts of Topology; Grade Method: REG/AUD.** *Prerequisites: MATH 410, and MATH 411, and MATH 403 or equivalent.* 3 credits

0101 (36643) MWF..... 2:00pm- 2:50pm (MTH 0102) Cohen, J.

MATH740 **Riemannian Geometry; Grade Method: REG/AUD.** *Prerequisites: MATH 405, and MATH 411 or equivalent.* 3 credits

0101 (36653) MWF.....11:00am-11:50am (MTH 0107) Stuck, G.

MATH744 **Lie Groups I; Grade Method: REG/AUD.** *Prerequisite: MATH 403, MATH 405, MATH 411 and MATH 432 or equivalent.* 3 credits

0101 (36663) TuTh.....12:30pm- 1:45pm (MTH B0425) Li, J.

MATH748A **Selected Topics in Geometry and Topology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** 3 credits

MATH748B **Selected Topics in Geometry and Topology: Moduli Spaces, Geometric Structures, and Symplectic Geometry; Grade Method: REG/AUD.** 3 credits

0201 (36685) MWF..... 1:00pm- 1:50pm (MTH 0201) Goldman, W.

MATH748C **Selected Topics in Geometry and Topology: Techniques of Algebraic Topology; Grade Method: REG/AUD.** 3 credits

0301 (36695) TuTh..... 2:00pm- 3:15pm (MTH B0429) Rosenberg, J.

MATH799 **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-6 credits

MATH899 **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-8 credits

MEES Marine-Estuarine-Environmental Sciences (Life Sciences)

MEES440 **Essentials of Toxicology; Grade Method: REG/AUD.** *Prerequisite: BCHM 261 or BCHM 461.* 2 credits

0101 (36846) W..... 4:00pm- 6:00pm (ZOP 1234) Page, N.

MEES808A **Seminar in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD. Course is held at UMCP.** 1 credit

0101 (36856) M..... 4:00pm- 5:30pm (ZOP 1230) Sebens, K.

MEES808B **Seminar in Marine-Estuarine-Environmental Sciences: Environmental Toxicology, Mechanisms of Toxicity in Aquatic Animals; Grade Method: REG/AUD. Course given at Chesapeake Biological Laboratory and on intervideo network room 0101 Skinner Bldg.** 1 credit

0101 (36866) M..... 3:30pm- 4:30pm (SKN 0101) Roesijadi, G.

MEES808C **Seminar in Marine-Estuarine-Environmental Sciences: Fisheries Science, Quantitative Fish Ecology; Grade Method: REG/AUD. Course is being taught at Chesapeake Biological Laboratory and on intervideo network room 0101 Skinner Bldg.** 1 credit

0101 (36876) M..... 3:30pm- 4:30pm (SKN 0101) Brandt, S.

MEES808D **Seminar in Marine-Estuarine-Environmental Sciences: History of Biological Oceanography; Grade Method: REG/AUD. Course is given at Horn Point Environmental Laboratory and on intervideo network room 0101 Skinner Bldg.** 1 credit

0101 (36886) W..... 1:30pm- 3:30pm (SKN 0101) Conley, D.

MEES808N **Seminar in Marine-Estuarine-Environmental Sciences: How to Give a Scientific Presentation; Grade Method: REG/AUD. Course given at Center of Marine Biotechnology, Baltimore.** 1 credit

0101 (36896) W..... 4:00pm- 5:30pm (Arranged) Sowers, K.

MEES841 (PermReq) **Environmental Toxicology; Grade Method: REG/AUD.** *Prerequisite: permission of instructor.* 3 credits

0101 (36906) TuTh..... 9:30am-10:45am (HZF 1106) Nelson, J.

MEES861 **Physics of Estuarine and Marine Environments; Grade Method: REG/AUD.** *Prerequisite: one year of calculus and one year of physics or permission of instructor.* Course is given at Horn Point Environmental Laboratory and on intervideo network room 0101 Skinner Bldg. Contact department for time. 3 credits

0101 (36916) TBA (SKN 0101) Boicourt, W.

MEES881 **Coastal Resource Use, Law and Management: The Chesapeake; Grade Method: REG/AUD.** 3 credits

0101 (36926) Tu..... 4:00pm- 6:30pm (SYM 0200) Strand, I.

MEES886J **Special Topics in Marine-Estuarine-Environmental Sciences: The Marine Nitrogen Cycle; Grade Method: REG/AUD.** 3 credits

0101 (36936) Time and room to be arranged Glibert, P.

MEES888K **Special Topics in Marine-Estuarine-Environmental Sciences: Benthic Ecology; Grade Method: REG/AUD.** 3 credits

0101 (36946) Time and room to be arranged Tenore, K.

MEES888N **Special Topics in Marine-Estuarine-Environmental Sciences: Geochemical Modelling; Grade Method: REG/AUD.** 1-4 credits

0101 (36956) Tu..... 1:30pm- 4:30pm (HBK 0123) Rice, D.

MEES898 (PermReq) **Special Problems in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number.** 1-3 credits

MEES799 **Masters Thesis Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number.** 1-6 credits

MEES899 **Doctoral Dissertation Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number.** 1-8 credits

METO Meteorology (Computer, Mathematical and Physical Sciences)

METO400 **The Atmosphere; Grade Method: REG.** *Prerequisites: CHEM 103, and MATH 241, and MATH 246, and PHYS 263.* 3 credits

0101 (37312) TuTh..... 9:30am-10:45am (CSS 2114) Pinker, R.

METO434 **Air Pollution; Grade Method: REG/P-F/AUD.** *Prerequisites: CHEM 113 and MATH 241 or permission of department.* 3 credits

0101 (37322) TuTh..... 2:00pm- 3:15pm (CSS 2106) Hudson, R.

METO499 (PermReq) **Special Problems in Atmospheric Science; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number.** 1-3 credits

METO600 **Synoptic Meteorology I; Grade Method: REG/AUD.** *Pre- or corequisites: METO 610; and METO 620.* 3 credits

0101 (37342) TuTh..... 5:00pm- 7:00pm (CSS 2114) Atlas, R.

METO610 **Dynamic Meteorology I; Grade Method: REG/AUD.** *Pre- or corequisite: MATH 462.* 3 credits

0101 (37352) MWF..... 9:00am- 9:50am (CSS 2114) Shukla, J.

METO614 **Numerical Weather Prediction; Grade Method: REG/AUD.** *Prerequisite: METO 611 or equivalent.* 3 credits

0101 (37362) TBA (CSS 2114) Baer, F.

METO617 **General Circulation of the Atmosphere; Grade Method: REG/AUD.** *Prerequisite: METO 610.* 3 credits

0101 (37372) MW.....11:00am-12:15pm (CSS 2114) Vernekar, A.

METO620 **Physical Meteorology I; Grade Method: REG/AUD.** *Prerequisite: MATH 461.* 3 credits

0101 (37382) TuTh..... 8:00am- 9:15am (CSS 2114) Ellingson, R.

METO625 **Remote Inference of Atmospheric Properties by Satellite; Grade Method: REG/AUD.** *Prerequisites: METO 621, and MATH 461.* 3 credits

0101 (37392) MWF.....12:00pm-12:50pm (CSS 2106) Thompson, O.

METO634 **Air Sampling and Analysis; Grade Method: REG/AUD.** *Prerequisite: METO 434 or METO 637 or permission of department.* 3 credits

0101 (37402) MF..... 1:00pm- 1:50pm (CSS 2114) Dickerson, R.
W..... 1:00pm- 2:50pm (CSS 2114) Lab

METO658E (PermReq) **Special Topics in Meteorology; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number.** 1-3 credits

METO658F **Special Topics in Meteorology: Climate Modeling; Grade Method: REG/AUD.** 3 credits

0101 (37422) TuTh..... 2:00pm- 3:15pm (CSS 2114) Robock, A.

METO658U **Special Topics in Meteorology: Data Analysis and Initialization; Grade Method: REG/AUD.** *Prerequisites: METO 614 or equivalent or permission of instructor.* 3 credits

0101 (37432) TBA (CSS 2114) STAFF

METO670 **General Circulation of the Ocean; Grade Method: REG/AUD.** *Prerequisite: METO 610 or equivalent.* 3 credits

0101 (37442) MW..... 3:00pm- 4:15pm (CSS 2106) Carton, J.

METO798 **Directed Graduate Research; Grade Method: S-F. Individual instruction course: contact department or instructor to obtain section number. Course intended for those students not yet admitted to PhD candidacy to work on research with a professor.** 1-3 credits

METO899 **Doctoral Dissertation Research; Grade Method: S-F. Individual instruction course: contact department or instructor to obtain section number.** 1-8 credits

MICB Microbiology (Life Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

MICB100 **Microbes and Society; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Credit will be granted for only one of the following: MICB 100 or MICB 200.* This course is intended for non-science majors. Labs meet the first week of classes. 4 credits

0101 (37521) MWF.....10:00am-10:50am (JMZ 0220) Yuan, R.
MW..... 9:00am- 9:50am (MCB 1206) Lab
0103 (37522) MWF.....10:00am-10:50am (JMZ 0220) Yuan, R.
MW.....12:00pm-12:50pm (MCB 1206) Lab
0105 (37523) MWF.....10:00am-10:50am (JMZ 0220) Yuan, R.

MW..... 2:00pm- 2:50pm (MCB 1206) Lab
0107 (37524) MWF.....10:00am-10:50am (JMZ 0220) Yuan, R.
TuTh..... 9:00am- 9:50am (MCB 1206) Lab
0108 (37525) MWF.....10:00am-10:50am (JMZ 0220) Yuan, R.
TuTh.....10:00am-10:50am (MCB 1206) Lab
0109 (37526) MWF.....10:00am-10:50am (JMZ 0220) Yuan, R.
TuTh.....11:00am-11:50am (MCB 1206) Lab

MICB200 General Microbiology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisite: BIOL 105. Credit will be granted for only one of the following: MICB 100 or MICB 200.* Required for all MICB majors and prerequisite for all other departmental courses for MICB majors. Labs will begin on first Wednesday of the semester. — 4 credits

0101 (37536) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
MW..... 9:00am-10:50am (MCB 1205) Lab
0102 (37537) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
MW..... 9:00am-10:50am (MCB 1201) Lab
0103 (37538) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
MW.....12:00pm- 1:50pm (MCB 1205) Lab
0105 (37539) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
MW..... 2:00pm- 3:50pm (MCB 1205) Lab
0106 (37540) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
MW..... 2:00pm- 3:50pm (MCB 1201) Lab
0107 (37541) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
TuTh..... 9:00am-10:50am (MCB 1205) Lab
0108 (37542) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
TuTh..... 9:00am-10:50am (MCB 1201) Lab
0109 (37543) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
TuTh.....12:00pm- 1:50pm (MCB 1205) Lab
0110 (37544) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
TuTh.....12:00pm- 1:50pm (MCB 1201) Lab
0111 (37545) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
TuTh..... 2:00pm- 3:50pm (MCB 1205) Lab
0112 (37546) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
TuTh..... 2:00pm- 3:50pm (MCB 1201) Lab
0113 (37547) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
TuTh..... 4:00pm- 5:50pm (MCB 1201) Lab
0114 (37548) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
TuTh..... 4:00pm- 5:50pm (MCB 1205) Lab
0115 (37549) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
MW..... 4:00pm- 5:50pm (MCB 1201) Lab
0116 (37550) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
MW..... 4:00pm- 5:50pm (MCB 1205) Lab
0117 (37551) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
MW..... 6:00pm- 7:50pm (MCB 1205) Lab

MICB200H (PermReq) General Microbiology; Grade Method: REG. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisite: BIOL 105. Credit will be granted for only one of the following: MICB 100 or MICB 200.* Labs will start on first day of classes. Limited to General Honors students; obtain permission from General Honors office. MICB majors who are not in General Honors may see Microbiology Department for special permission. — 4 credits

0101 (37561) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
MW.....11:00am-12:50pm (MCB 1201) Lab

MICB378 (PermReq) Honors Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Open only to departmental honors students. — 3 credits

MICB380 Bacterial Genetics; Grade Method: REG. *Prerequisites: CHEM 243 or CHEM 246 and MICB 200.* — 4 credits

0101 (37581) TuTh.....11:00am-11:50am (MCB 1207) Stein, D.
TuTh..... 2:00pm- 4:00pm (MCB 1103A) Lab
0102 (37582) TuTh.....11:00am-11:50am (MCB 1207) Stein, D.
TuTh..... 2:00pm- 4:00pm (MCB 1104) Lab

MICB388 (PermReq) Special Topics in Microbiology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: two lab courses in microbiology. May be repeated but only 4 credits may be applied to major requirements. — 1-4 credits

MICB388P (PermReq) Special Topics in Microbiology: Pre-Med Internship; Grade Method: REG/P-F. Prerequisite: 4 laboratory science courses, minimum GPA of 3.5; interest in medicine. Instructors will be R. Weiner, B. Epstein, G. Jaffe, and L. Cohen. Course serves as an elective. Does not count towards credits in Biological Sciences Program. — 2 credits

0101 (37601) Th.....12:00pm- 4:00pm (MCB 2119) Weiner, R.

MICB388R (PermReq) Special Topics in Microbiology: Special Topics in Microbiology Research Projects; Grade Method: REG. — 2-4 credits

0101 (37611) Time and room to be arranged Joseph, S.

MICB399 (PermReq) Microbiological Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: 16 credits in MICB. May be repeated, but only 3 credits can be applied to major requirements. — 3 credits

MICB440 Pathogenic Microbiology; Grade Method: REG/P-F/AUD. *Prerequisite: MICB 200.* — 4 credits

0101 (37630) MW.....11:00am-11:50am (JMZ 0220) Joseph, S.
TuTh..... 9:00am-10:50am (MCB 1143) Lab
0102 (37631) MW.....11:00am-11:50am (JMZ 0220) Joseph, S.
TuTh..... 9:00am-10:50am (MCB 1135) Lab
0103 (37632) MW.....11:00am-11:50am (JMZ 0220) Joseph, S.
TuTh.....11:00am-12:50pm (MCB 1143) Lab
0104 (37633) MW.....11:00am-11:50am (JMZ 0220) Joseph, S.
TuTh.....11:00am-12:50pm (MCB 1135) Lab
0105 (37634) MW.....11:00am-11:50am (JMZ 0220) Joseph, S.
TuTh..... 1:00pm- 2:50pm (MCB 1143) Lab
0106 (37635) MW.....11:00am-11:50am (JMZ 0220) Joseph, S.
TuTh..... 3:00pm- 4:50pm (MCB 1135) Lab
0107 (37636) MW.....11:00am-11:50am (JMZ 0220) Joseph, S.
TuTh..... 1:00pm- 2:50pm (MCB 1138) Lab

MICB460 General Virology; Grade Method: REG. *Prerequisite: MICB 440 or equivalent.* — 3 credits

0101 (37646) MWF.....11:00am-11:50am (MCB 1207) Gdovin, S.

MICB480 Microbial Ecology; Grade Method: REG/P-F/AUD. *Prerequisites: MICB 200, and CHEM 243 or CHEM 245.* — 3 credits

0101 (37656) MWF..... 1:00pm- 1:50pm (MCB 1207) Weiner, R.

MICB488 (PermReq) Special Topics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

MICB488A (PermReq) Special Topics: Current Topics in Immunology; Grade Method: REG/AUD. — 1 credit

0101 (37673) Time and room to be arranged Roberson, B.

MICB488C (PermReq) Special Topics: Selected Topics in Marine Biotechnology; Grade Method: REG/AUD. — 1 credit

0101 (37683) F.....10:00am-11:00am (MCB 2119) Weiner, R.

MICB488J (PermReq) Special Topics: Current Topics in Bacterial Pathogenesis; Grade Method: REG/AUD. — 1 credit

0101 (37695) Time and room to be arranged Joseph, S.

MICB488S Special Topics: Assembly of Biomembranes; Grade Method: REG/AUD. — 1 credit

0101 (37703) M.....12:00pm- 1:00pm (MCB 2119) Ades, I.

MICB760 Virology and Tissue Culture; Grade Method: REG/AUD. *Prerequisite: MICB 440 or equivalent.* — 2 credits

0101 (37713) Tu..... 4:00pm- 6:00pm (MCB 2119) Samal, S.

MICB788 Seminar; Grade Method: REG/AUD. — 1 credit

0101 (37723) F.....12:00pm-12:50pm (MCB 1207) Yuan, R.
F..... 3:00pm- 5:00pm (MCB 1207) Dis

MICB799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MICB899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

MOCB Molecular and Cell Biology (Life Sciences)

MOCB630 Eukaryote Molecular Genetics; Grade Method: REG/AUD. *Prerequisite: ZOOL 446 or permission of department. Also offered as ENTM 630.* — 3 credits

0101 (37802) MWF..... 9:00am- 9:50am (ANS 0412) Obrochta, D.

MOCB699 (PermReq) Laboratory Rotation; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 2-5 credits

MUED Music Education (Arts and Humanities)

MUED410 (PermReq) Instrumental Arranging; Grade Method: REG/P-F/AUD. *Prerequisites: MUSC 250 and permission of department.* — 2 credits

0101 (37912) MWF.....11:00am-11:50am (TWS 2138) STAFF

MUED411 Instrumental Music: Methods and Materials For the Elementary School; Grade Method: REG/AUD. — 3 credits

0101 (37922) TuTh.....10:00am-11:50am (TWS 1123) STAFF
Tu..... 8:00am- 8:50am (TWS 1102) Lab

MUED470 (PermReq) General Concepts For Teaching Music; Grade Method: REG/AUD. *Corequisite: MUED 411 or MUED 471.* — 1 credit

0101 (37932) TuTh..... 9:00am- 9:50am (TWS 3116) Fanos, S.

MUED471 Methods For Teaching Elementary General Music; Grade Method: REG/AUD. — 3 credits

0101 (37942) TuTh.....10:00am-11:50am (TWS 3132) McCarthy, M.

MUED488A (PermReq) Workshops, Clinics, Institutes: Learning Theory in Teaching Music; Grade Method: REG/P-F/AUD. — 3 credits

0101 (37952) Tu..... 6:30pm- 9:00pm (TWS 3116) McCarthy, M.

MUED488B (PermReq) Workshops, Clinics, Institutes: Literature and New Methodologies for Teaching Instrumental Music; Grade Method: REG/P-F/AUD. — 3 credits

0101 (37962) M..... 6:30pm- 9:00pm (TWS 3116) STAFF

MUED692 Foundations of Music Education; Grade Method: REG/AUD. — 3 credits

0101 (37972) M..... 7:00pm- 9:30pm (TWS 3116) Folstrom, R.

MUED698A (PermReq) Current Trends in Music Education: Learning Theory in Teaching Music; Grade Method: REG/AUD. — 3 credits

0101 (37982) Tu..... 6:30pm- 9:00pm (TWS 3116) McCarthy, M.

MUED698B (PermReq) Current Trends in Music Education: Literature and New Methodologies for Teaching Instrumental Music; Grade Method: REG/AUD. — 3 credits

0101 (37992) W..... 6:30pm- 9:00pm (TWS 3116) STAFF

MUSC Music (Arts and Humanities)

MUSC100 Beginning Class Voice; Grade Method: REG. — 2 credits

0101 (38042) MW..... 9:00am- 9:50am (TWS 2123) STAFF
0201 (38043) TuTh.....11:00am-11:50am (TWS 2135) STAFF
0301 (38044) MW.....11:00am-11:50am (TWS 2135) STAFF
0401 (38045) MW.....12:00pm-12:50pm (TWS 2135) STAFF
0501 (38046) MW..... 1:00pm- 1:50pm (TWS 3116) STAFF
0601 (38047) MW..... 2:00pm- 2:50pm (TWS 2123) STAFF
0701 (38048) TuTh..... 2:00pm- 2:50pm (TWS 2135) STAFF

MUSC102 Beginning Class Piano I; Grade Method: REG. Recommended for MUED and MUSC majors with little or no piano experience. — 2 credits

0101 (38058) MWF.....12:00pm-12:50pm (TWS 3218) Elliston, R.

MUSC102B Beginning Class Piano I; Grade Method: REG/P-F. Limited to non-music majors. — 2 credits

0101 (38068) TuTh..... 9:30am-10:45am (TWS 3218) Campi, L.
0201 (38069) TuTh.....12:30pm- 1:45pm (TWS 3218) Campi, L.
0301 (38070) TuTh.....11:00am-12:15pm (TWS 3218) Yang, J.
0401 (38071) MWF.....10:00am-10:50am (TWS 3218) Yang, J.
0501 (38072) MWF..... 2:00pm- 2:50pm (TWS 3218) Wang, H.
0601 (38073) MW..... 3:30pm- 4:45pm (TWS 3218) Wang, H.

MUSC110 (PermReq) Class Study of String Instruments; Grade Method: REG/P-F. *Open only to majors in music education (vocal option).* — 2 credits

0101 (38083) MWF..... 9:00am- 9:50am (TWS 1102) Elsing, E.

MUSC114 (PermReq) Class Study: Cello and Bass; Grade Method: REG/P-F/AUD. *Open only to majors in music education (instrumental option).* — 2 credits

0101 (38093) MWF..... 9:00am- 9:50am (TWS 1102) Elsing, E.

MUSC116 (PermReq) Class Study: Clarinet; Grade Method: REG/AUD. *Open only to majors in music education (instrumental option).* — 2 credits

0101 (38103) MWF..... 8:00am- 8:50am (TWS 1123) Walters, E.
Tu..... 8:00am- 8:50am (TWS 1102) Lab

MUSC120 (PermReq) Class Study: Cornet; Grade Method: REG/AUD. *Open only to majors in music education (instrumental option).* — 2 credits

0101 (38113) MWF.....10:00am-10:50am (TWS 1102) Head, E.
Tu..... 8:00am- 8:50am (TWS 1102) Lab

MUSC126 (PermReq) Vocal Diction: English and Latin; Grade Method: REG/P-F/AUD. — 1 credit

0101 (38123) Th..... 1:00pm- 2:50pm (TWS 2138) Crawford, L.

MUSC127 (PermReq) Vocal Diction: Italian and Spanish; Grade Method: REG/P-F/AUD. — 1 credit

0101 (38133) Time and room to be arranged Crawford, L.

MUSC128 (PermReq) Sight Reading For Pianists; Grade Method: REG. For Bachelor of Music piano majors only. — 2 credits

0101 (38143) MW.....10:00am-10:50am (TWS 2105) Page, C.

MUSC129A (PermReq) Ensemble: Chamber Music - Strings; Grade Method: REG. — 1 credit

0101 (38153) Time and room to be arranged Elsing, E.

MUSC129B Ensemble: Chamber Music - Woodwinds; Grade Method: REG. — 1 credit

0101 (38163) TBA (TWS 3125) Montgomery, M.
0301 (38164) TBA (TWS 1127) Jackson, R.
0401 (38165) TBA (TWS 3145) Walters, E.
0601 (38166) Time and room to be arranged Shirley-Quirk,

MUSC129C Ensemble: Chamber Music - Brasses; Grade Method: REG. — 1 credit

0101 (38176) TBA (TWS 2229) Olson, O.
0201 (38177) TBA (TWS 3121) Head, E.
0401 (38178) Time and room to be arranged Stevens, M.

MUSC129D Ensemble: Chamber Music - Clarinet Choir; Grade Method: REG. — 1 credit

0101 (38188) TBA (TWS 1123) Walters, E.

MUSC129E Ensemble: Chamber Music - Brass Choir; Grade Method: REG. — 1 credit

0101 (38198) TBA (TWS 1102) Olson, O.

MUSC129F Ensemble: Chamber Music - Percussion Ensemble; Grade Method: REG. — 1 credit

0101 (38208) TuTh.....11:00am-12:15pm (TWS 1102) Barnett, R.

MUSC129G Ensemble: Chamber Music - Percussion Keyboard Ensemble; Grade Method: REG. — 1 credit

0101 (38218) TBA (TWS 1205) Barnett, R.

MUSC129I (PermReq) Ensemble: Chamber Music - 20th Century Ensemble; Grade Method: REG/P-F/AUD. — 1 credit

0101 (38228) Time and room to be arranged Wilson, M.

MUSC129J Ensemble: Chamber Music - Jazz Ensemble; Grade Method: REG. — 1 credit

0101 (38238) MW..... 5:30pm- 7:00pm (TWS 1102) Ross, G.

0201 (38239) MWF..... 1:00pm- 1:50pm (TWS 1102) [illegible], G.

MUSC129K Ensemble: Chamber Music - Non-Western Ensemble; Grade Method: REG. — 1 credit

0101 (38249) TBA (TWS 3108) Robertson, C.

MUSC129L Ensemble: Chamber Music Mixed Media; Grade Method: REG. — 1 credit

0101 (38259) TBA (TWS 3125) Montgomery, W.

MUSC129M Ensemble: Chamber Music - Flute Choir; Grade Method: REG. — 1 credit

0101 (38269) Time and room to be arranged Montgomery, W.

MUSC129T Ensemble: Tuba; Grade Method: REG/AUD. — 1 credit

0101 (38279) Time and room to be arranged STAFF

MUSC130 Survey of Music Literature; Grade Method: REG/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C: Literature and the Arts Course. *Open to all students except music and music education majors.* — 3 credits

0101 (38289) MW..... 9:00am- 9:50am (TWS 2102) Davis, S.
F..... 9:00am- 9:50am (TWS 2102) Lab
0102 (38290) MW..... 9:00am- 9:50am (TWS 2102) Davis, S.
F.....10:00am-10:50am (TWS 2123) Lab
0103 (38291) MW..... 9:00am- 9:50am (TWS 2102) Davis, S.
F.....11:00am-11:50am (TWS 2123) Lab
0201 (38292) MW.....10:00am-10:50am (TWS 2102) STAFF
F.....10:00am-10:50am (TWS 2102) Lab
0202 (38293) MW.....10:00am-10:50am (TWS 2102) STAFF
F..... 9:00am- 9:50am (TWS 2123) Lab
0203 (38294) MW.....10:00am-10:50am (TWS 2102) STAFF
F.....11:00am-11:50am (TWS 3116) Lab
0301 (38295) MW.....11:00am-11:50am (TWS 2102) Wexler, R.
F.....11:00am-11:50am (TWS 2102) Lab
0302 (38296) MW.....11:00am-11:50am (TWS 2102) Wexler, R.
F..... 9:00am- 9:50am (TWS 3238) Lab
0303 (38297) MW.....11:00am-11:50am (TWS 2102) Wexler, R.
F.....12:00pm-12:50pm (TWS 2123) Lab

MUSC140 Music Fundamentals I; Grade Method: REG/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C: Literature and the Arts Course. *Limited to non-music majors.* — 3 credits

0101 (38307) MWF..... 1:00pm- 1:50pm (TWS 2102) Tabor, J.
0201 (38308) TuTh..... 8:00am- 9:15am (TWS 2102) Olson, O.
0301 (38309) TuTh.....11:00am-12:15pm (TWS 2102) Kramer, K.
0401 (38310) TuTh..... 9:30am-10:45am (TWS 2102) Bayer, J.

MUSC150 (PermReq) Theory of Music I; Grade Method: REG. *Prerequisite: departmental audition and entrance examination. For MUSC majors only.* — 3 credits

0101 (38320) MWF..... 9:00am- 9:50am (TWS 3116) DeLio, T.
TuTh..... 9:00am- 9:50am (TWS 2123) Lab
0102 (38321) MWF..... 9:00am- 9:50am (TWS 3116) DeLio, T.
TuTh..... 9:00am- 9:50am (TWS 2135) Lab
0201 (38322) TuThF..... 9:00am- 9:50am (TWS 2138) Payerle, L.
MW..... 9:00am- 9:50am (TWS 2138) Lab
0202 (38323) TuThF..... 9:00am- 9:50am (TWS 2138) Payerle, L.
MW..... 9:00am- 9:50am (TWS 2135) Lab

MUSC155 Fundamentals for the Classroom Teacher; Grade Method: REG/P-F/AUD. *Open to students majoring in pre-early childhood education, pre-elementary education, elementary education, or childhood education, other students take MUSC 150. Credit will be granted for only one of the following: MUSC 150 or MUSC 155.* — 3 credits

0101 (38333) MWF.....11:00am-11:50am (TWS 3238) STAFF
0201 (38334) MWF.....10:00am-10:50am (TWS 3238) STAFF
0301 (38335) TuTh.....11:00am-12:15pm (TWS 3238) Fanos, S.
0401 (38336) TuTh..... 2:00pm- 3:15pm (TWS 3238) STAFF

MUSC200 Intermediate Class Voice I; Grade Method: REG/AUD. *Prerequisite: MUSC 100 or equivalent vocal training.* — 2 credits

0101 (38346) MW..... 9:00am- 9:50am (TWS 3238) STAFF

MUSC202 (PermReq) Intermediate Class Piano I; Grade Method: REG. *Prerequisite: MUSC 103 or equivalent piano training. Only for voice and instrumental principals with limited piano experience.* — 2 credits

0101 (38356) MWF..... 9:00am- 9:50am (TWS 3218) Elliston, R.

MUSC210 The Impact of Music on Life; Grade Method: REG. CORE Distributive Studies Arts Course. CORE Cultural Diversity Course. — 3 credits

0101 (38366) MW..... 1:00pm- 1:50pm (PHY 1412) Herndon, M.
F..... 1:00pm- 1:50pm (TWS 2135) Dis
0102 (38367) MW..... 1:00pm- 1:50pm (PHY 1412) Herndon, M.
F.....12:00pm-12:50pm (TWS 2138) Dis
0103 (38368) MW..... 1:00pm- 1:50pm (PHY 1412) Herndon, M.
F..... 2:00pm- 2:50pm (TWS 2123) Dis
0104 (38369) MW..... 1:00pm- 1:50pm (PHY 1412) Herndon, M.
F..... 1:00pm- 1:50pm (TWS 3116) Dis
0105 (38370) MW..... 1:00pm- 1:50pm (PHY 1412) Herndon, M.
F.....12:00pm-12:50pm (TWS 3116) Dis
0106 (38371) MW..... 1:00pm- 1:50pm (PHY 1412) Herndon, M.
F..... 2:00pm- 2:50pm (TWS 2135) Dis

MUSC229A Ensemble: Orchestra; Grade Method: REG. Open by audition. — 1 credit

0101 (38381) MWF..... 3:00pm- 5:00pm (TWS 1102) Hudson, W.

MUSC229D Ensemble: Symphonic Wind Ensemble; Grade Method: REG. Open by audition. — 1 credit

0101 (38391) TuTh..... 3:30pm- 5:45pm (TWS 1102) Wakefield, J.

MUSC229E Ensemble: Concert Band; Grade Method: REG. Open by audition. — 1 credit

0101 (38401) TuTh..... 2:00pm- 3:15pm (TWS 1102) Foster, R.

MUSC229F Ensemble: Marching Band; Grade Method: REG. Open by audition. — 1 credit

0101 (38411) MWF..... 3:00pm- 5:00pm (Arranged) Foster, R.

MUSC229G Ensemble: Marching Band Repertoire; Grade Method: REG. Corequisite: MUSC 229F. — 1 credit

0101 (38421) Th..... 6:30pm- 8:30pm (TWS 1102) Foster, R.

MUSC229I Ensemble: Marching Band Auxiliary; Grade Method: REG. Corequisite: MUSC 229F. — 1 credit

0101 (38431) TuTh..... 6:00pm- 8:00pm (Arranged) Foster, R.

MUSC229R Ensemble: Repertoire Orchestra; Grade Method: REG/AUD. — 1 credit

0101 (38441) W..... 7:30pm- 9:30pm (TWS 1102) Head, E.

MUSC230 (PermReq) History of Music I; Grade Method: REG/P-F/AUD. *Prerequisite: MUSC 250 or equivalent.* — 3 credits

0101 (38451) MWF..... 2:00pm- 2:50pm (TWS 3116) Davis, S.

MUSC250 (PermReq) Advanced Theory of Music I; Grade Method: REG. *Prerequisite: MUSC 151 with a minimum grade of C.* — 4 credits

0101 (38461) MWF.....10:00am-10:50am (TWS 3116) Gibson, R.
TuTh.....10:00am-10:50am (TWS 3116) Lab
0102 (38462) MWF.....10:00am-10:50am (TWS 3116) Gibson, R.
TuTh.....10:00am-10:50am (TWS 2135) Lab
0201 (38463) TuThF.....10:00am-10:50am (TWS 2138) Wilson, M.
MW.....10:00am-10:50am (TWS 2138) Lab
0202 (38464) TuThF.....10:00am-10:50am (TWS 2138) Wilson, M.
MW.....10:00am-10:50am (TWS 2135) Lab

MUSC328 (PermReq) Chamber Music Performance for Pianists; Grade Method: REG/P-F/AUD. — 2 credits

0101 (38474) TuTh.....11:00am-11:50am (Arranged) STAFF

MUSC329A Ensemble: University of Maryland Chorale; Grade Method: REG. Open by audition. — 1 credit

0101 (38484) TuTh..... 5:30pm- 5:50pm (TWS 2102) Folstrom, R.

MUSC329D Ensemble: University Chorus; Grade Method: REG. Open by audition. Please report to TWS 2102. — 1 credit

0101 (38494) TBA (TWS 2135) Traver, P.
TBA (TWS 2123)
Tu..... 7:30pm-10:00pm (TWS 2102)

MUSC329E Ensemble: Gospel Choir; Grade Method: REG. — 1 credit

0101 (38504) Th..... 7:00pm-10:00pm (TWS 2102) Foster, V.

MUSC330 (PermReq) History of Music II; Grade Method: REG/P-F/AUD. *Prerequisite: MUSC 250 or equivalent.* — 3 credits

0101 (38514) MWF..... 2:00pm- 2:50pm (TWS 2138) Serwer, H.

MUSC345 Jazz Theory and Improvisation I; Grade Method: REG/AUD. *Prerequisite: MUSC 251 or permission of department.* — 3 credits

0101 (38524) M..... 7:00pm-10:00pm (TWS 1102) Ross, G.

MUSC379 (PermReq) Opera Workshop; Grade Method: REG/P-F/AUD. — 2 credits

0101 (38534) Time and room to be arranged STAFF

MUSC388 (PermReq) Experiential Learning; Grade Method: REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor.* — 3-6 credits

semester hours.
0101 (38544) Time and room to be arranged — Cooper, J.

MUSC388 (PermReq) — **Music Internship; Grade Method: REG.** — 3 credits
0101 (38554) TBA (TWS 2114) — Cooper, J.

MUSC389 (PermReq) — **Music Internship Analysis; Grade Method: REG.** — 1 credit
0101 (38564) TBA (TWS 2114) — Cooper, J.

MUSC400S (PermReq) — **Music Pedagogy; Grade Method: REG/P-F/AUD.** *Pre- or corequisite: MUSC 418 or a more advanced course in applied music.* For string majors. — 3 credits
0101 (38574) Time and room to be arranged — Elsing, E.
0201 (38575) Time and room to be arranged — Fischbach, G.
0301 (38576) Time and room to be arranged — Burris, C.

MUSC400W (PermReq) — **Music Pedagogy; Grade Method: REG/P-F/AUD.** *Pre- or corequisite: MUSC 418 or a more advanced course in applied music.* For wind and percussion majors. — 3 credits
0101 (38586) Time and room to be arranged — Barnett, R.
0301 (38587) Time and room to be arranged — Head, E.
0601 (38588) Time and room to be arranged — Jackson, R.
0701 (38589) Time and room to be arranged — Montgomery, W.
0801 (38590) Time and room to be arranged — Olson, O.
0901 (38591) Time and room to be arranged — Ross, G.
2001 (38592) Time and room to be arranged — Stevens, M.
3001 (38593) Time and room to be arranged — Wakefield, J.
4001 (38594) Time and room to be arranged — Walters, E.

MUSC428 (PermReq) — **Repertoire Coaching of Vocal or Chamber Music; Grade Method: REG.** — 2 credits
0301 (38604) TBA (TWS 2233) — McCoy, R.

MUSC429 (PermReq) — **Opera Theater; Grade Method: REG/AUD.** — 2-3 credits
0101 (38614) TBA (TWS 3228) — Major, L.

MUSC433 — **Music in World Cultures II; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course.** *Prerequisite: MUSC 130 or permission of department.* — 3 credits
0101 (38624) Tu..... 3:30pm- 6:00pm (TWS 3116) — Robertson, C.

MUSC443 (PermReq) — **Solo Vocal Literature; Grade Method: REG/P-F/AUD.** *Prerequisite: MUSC 330, MUSC 331 or equivalent.* — 3 credits
0101 (38634) Tu..... 4:00pm- 6:30pm (TWS 2138) — STAFF

MUSC448 (PermReq) — **Selected Topics in Music; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number.** — 1-3 credits

MUSC448E (PermReq) — **Selected Topics in Music: Advanced English Diction; Grade Method: REG/P-F/AUD.** — 1 credit
0101 (38687) W.....12:30pm- 2:00pm (TWS 3238) — Hunt, L.

MUSC448G (PermReq) — **Selected Topics in Music: Advanced German Diction; Grade Method: REG/P-F/AUD.** — 1 credit
0101 (38697) W.....10:00am-12:00pm (TWS 2123) — McDonald, J.

MUSC448J — **Selected Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; Grade Method: REG/AUD. Audition required.** — 2 credits
0101 (38707) W..... 7:00pm-10:00pm (TWS 3218) — Wells, R.
0201 (38708) Time and room to be arranged Lab — Wells, R.

MUSC448M (PermReq) — **Selected Topics in Music: Benjamin Britten: Literature and Music; Grade Method: REG/P-F/AUD. Open to music majors and non-music majors by permission of department. Course will be team taught by professors from the music department.** — 3 credits
0101 (38718) Time and room to be arranged — McDonald, J.

MUSC448P (PermReq) — **Selected Topics in Music: Performance Practice- Seventeenth and Eighteenth Centuries; Grade Method: REG/P-F/AUD.** — 2 credits
0101 (38728) Th.....12:00pm-12:50pm (TWS 2138) — Slowik, K.
Th..... 1:00pm- 2:50pm (Arranged) Lab

MUSC448R — **Selected Topics in Music: The Business of Music I; Grade Method: REG/AUD.** — 2 credits
0101 (38738) MW..... 2:00pm- 2:50pm (TWS 2135) — Walters, E.

MUSC448S (PermReq) — **Selected Topics in Music: Double Bass Literature; Grade Method: REG.** — 1 credit
0101 (38748) Time and room to be arranged — Burris, C.

MUSC448T — **Selected Topics in Music: Film (Opera) / Opera (Film); Grade Method: REG/P-F/AUD.** — 3 credits
0101 (38758) Th..... 3:30pm- 6:00pm (SCP 2120) — Lifton, M.

MUSC460 (PermReq) — **Tonal Counterpoint I; Grade Method: REG/P-F/AUD.** *Prerequisite: MUSC 251 or permission of department.* — 2 credits
0101 (38768) MW.....12:00pm-12:50pm (TWS 2138) — Gibson, R.

MUSC470 (PermReq) — **Harmonic and Contrapuntal Practices of the Twentieth Century; Grade Method: REG/P-F/AUD.** *Prerequisite: MUSC 251 or equivalent.* — 2 credits
0101 (38778) TuTh.....11:00am-11:50am (TWS 2138) — Wilson, M.

MUSC480 (PermReq) — **Music in Antiquity and the Middle Ages; Grade Method: REG/P-F/AUD.** — 3 credits
0101 (38788) TuTh.....11:00am-12:15pm (TWS 3116) — Wexler, R.

MUSC490 (PermReq) — **Conducting; Grade Method: REG/AUD.** *Prerequisite: MUSC 251* — 2 credits
0101 (38798) MWF..... 1:00pm- 1:50pm (TWS 2138) — Cooper, J.

MUSC492 — **Keyboard Music I; Grade Method: REG/P-F/AUD.** — 3 credits
0101 (38808) MW.....11:30am-12:50pm (TWS 3116) — Page, C.

MUSC499 — **Independent Studies; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number.** — 2-3 credits

MUSC808 — **Chamber Music Repertory; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number.** — 1-3 credits

MUSC843 (PermReq) — **Seminar in Solo Vocal Literature I; Grade Method: REG/AUD.** *Prerequisite: MUSC 444 or equivalent* — 3 credits
0101 (38895) Tu..... 4:00pm- 6:30pm (TWS 2138) — STAFF

MUSC848A (PermReq) — **Seminar in Music Research; Grade Method: REG/AUD. For music performance majors only. Musicology and theory majors should register for MUSC 648B.** — 3 credits
0101 (38905) Th..... 9:30am-12:00pm (TWS 3131) — Cohen, H.
0201 (38906) W..... 7:00pm- 9:30pm (TWS 3131) — STAFF

MUSC848B (PermReq) — **Seminar in Music Research; Grade Method: REG/AUD. For musicology, ethnomusicology, theory, and composition majors only.** — 3 credits
0101 (38916) M..... 9:30am-12:00pm (TWS 3131) — Serwer, H.

MUSC851 (PermReq) — **The Theories of Heinrich Schenker; Grade Method: REG/AUD.** *Prerequisite: MUSC 450 or permission of department.* — 3 credits
0101 (38926) M.....11:00am- 1:30pm (TWS 2123) — DeLio, T.

MUSC870 (PermReq) — **Advanced Analytical Techniques I; Grade Method: REG/AUD.** *Prerequisite: MUSC 451 or permission of department.* — 3 credits
0101 (38936) W..... 3:30pm- 6:00pm (TWS 3116) — Moss, L.

MUSC875 — **Music Theory Pedagogy; Grade Method: REG/AUD.** — 3 credits
0101 (38946) TuTh..... 2:00pm- 3:15pm (TWS 2123) — Payerle, L.

MUSC879 (PermReq) — **Seminar in Ethnomusicology: Gender Issues in Ethnomusicology; Grade Method: REG/AUD.** — 3 credits
0101 (38956) W..... 3:30pm- 6:00pm (TWS 3131) — Robertson, C.

MUSC889 (PermReq) — **Advanced Conducting; Grade Method: REG/AUD.** — 3 credits
0101 (38966) W..... 4:00pm- 6:30pm (TWS 2138) — Traver, P.
0201 (38967) TBA (TWS 3267) — Hudson, W.
0301 (38968) TBA (TWS 1108) — Wakefield, J.

MUSC899 (PermReq) — **Selected Topics in Music; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number.** — 1-3 credits

MUSC899A (PermReq) — **Selected Topics in Music: Opera Techniques I; Grade Method: REG. Concurrent registration in MUSC 448E required.** — 1-3 credits
0101 (39020) Time and room to be arranged — Major, L.
Time and room to be arranged Lab

MUSC899C (PermReq) — **Selected Topics in Music: Advanced Opera Techniques I; Grade Method: REG. Concurrent registration in MUSC 448G required.** — 1-3 credits
0101 (39030) Time and room to be arranged — Major, L.
Time and room to be arranged Lab

MUSC899I (PermReq) — **Selected Topics in Music: Opera Repertoire; Grade Method: REG.** — 1 credit
0101 (39040) TBA (TWS 3228) — Cossa, D.

MUSC899J (PermReq) — **Selected Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; Grade Method: REG/AUD. Audition required.** — 2 credits
0101 (39050) W..... 7:00pm-10:00pm (TWS 3218) — Wells, R.
0201 (39051) Time and room to be arranged Lab — Wells, R.

MUSC899L (PermReq) — **Selected Topics in Music: Ethnomusicological Research and Analysis; Grade Method: REG/AUD. Please see instructor for meeting time.** — 3 credits
0101 (39061) Th..... 3:30pm- 6:00pm (TWS 3131) — Herndon, M.

MUSC899M (PermReq) — **Selected Topics in Music: Benjamin Britten: Literature and Music; Grade Method: REG/AUD. Open to music majors and non-music majors by permission of department. Course will be team taught by professors from the music department.** — 3 credits
0101 (39071) Time and room to be arranged — McDonald, J.

MUSC899P (PermReq) — **Selected Topics in Music: Performance Practice- Seventeenth and Eighteenth Centuries; Grade Method: REG/AUD.** — 2 credits
0101 (39081) Th.....12:00pm-12:50pm (TWS 2138) — Slowik, K.
Th..... 1:00pm- 2:50pm (Arranged) Lab

MUSC899R — **Selected Topics in Music: The Business of Music I; Grade Method: REG/AUD.** — 2 credits
0101 (39091) MW..... 2:00pm- 2:50pm (TWS 2135) — Walters, E.

MUSC899S (PermReq) — **Selected Topics in Music: Double Bass Literature; Grade Method: REG.** — 1 credit
0101 (39101) Time and room to be arranged — Burris, C.

MUSC799 — **Master's Thesis Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number.** — 1-6 credits

MUSC800A (PermReq) — **Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD.** *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* For accompanists only. — 3 credits
0101 (39143) Time and room to be arranged — McCoy, R.

MUSC800C (PermReq) — **Advanced Seminar in Music Pedagogy; Grade Method: REG.** *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* — 3 credits
0101 (39153) TBA (TWS 2140A) — Traver, P.

MUSC800P (PermReq) — **Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD.** *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* — 3 credits
0101 (39163) TuTh.....10:00am-11:30am (TWS 2123) — Page, C.

MUSC800S (PermReq) — **Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD.** *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* For string majors. — 3 credits
0101 (39173) Time and room to be arranged — Fischbach, G.

MUSC800V (PermReq) — **Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD.** *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* — 3 credits
0101 (39183) Time and room to be arranged — Randall, M.

MUSC800W (PermReq) — **Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD.** *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* For wind and percussion majors. — 3 credits
0101 (39193) Time and room to be arranged — Barnett, R.
0301 (39194) Time and room to be arranged — Head, E.
0501 (39195) Time and room to be arranged — Hudson, W.
0601 (39196) Time and room to be arranged — Jackson, R.
0701 (39197) Time and room to be arranged — Montgomery, W.
0801 (39198) Time and room to be arranged — Olson, O.
0901 (39199) Time and room to be arranged — Ross, G.
1001 (39200) Time and room to be arranged — Sparks, L.
2001 (39201) Time and room to be arranged — Stevens, M.
3001 (39202) Time and room to be arranged — Wakefield, J.
4001 (39203) Time and room to be arranged — Walters, E.

MUSC801C (PermReq) — **Advanced Seminar in Music Pedagogy; Grade Method: REG.** *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor* — 3 credits
0101 (39213) TBA (TWS 2140A) — Traver, P.

MUSC801W (PermReq) — **Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD.** *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* Advanced special students require department authorization. For wind and percussion majors. — 3 credits
0101 (39223) Time and room to be arranged — Barnett, R.
0301 (39224) Time and room to be arranged — Head, E.
0501 (39225) Time and room to be arranged — Hudson, W.
0601 (39226) Time and room to be arranged — Jackson, R.
0701 (39227) Time and room to be arranged — Montgomery, W.
0801 (39228) Time and room to be arranged — Olson, O.
0901 (39229) Time and room to be arranged — Ross, G.
1001 (39230) Time and room to be arranged — Sparks, L.
2001 (39231) Time and room to be arranged — Stevens, M.
3001 (39232) Time and room to be arranged — Wakefield, J.
4001 (39233) Time and room to be arranged — Walters, E.

MUSC830A (PermReq) — **Doctoral Seminar in Music Literature; Grade Method: REG/AUD.** *Prerequisite: at least twelve hours in music history and literature.* For accompanists only. — 3 credits
0101 (39243) Time and room to be arranged — McCoy, R.

MUSC830C (PermReq) — **Doctoral Seminar in Music Literature; Grade Method: REG.** *Prerequisite: at least twelve hours in music history and literature.* — 3 credits
0101 (39253) TBA (TWS 2140A) — Traver, P.

MUSC830S (PermReq) — **Doctoral Seminar in Music Literature; Grade Method: REG/AUD.** *Prerequisite: at least twelve hours in music history and literature.* For string majors. — 3 credits
0101 (39263) Time and room to be arranged — Fischbach, G.
0201 (39264) W.....11:00am- 1:30pm (TWS 1123) — Elsing, E.
0301 (39265) Time and room to be arranged — Burris, C.

MUSC830W (PermReq) — **Doctoral Seminar in Music Literature; Grade Method: REG/AUD.** *Prerequisite: at least twelve hours in music history and literature.* For wind and percussion majors. — 3 credits
0101 (39275) Time and room to be arranged — Barnett, R.
0301 (39276) Time and room to be arranged — Head, E.
0501 (39277) Time and room to be arranged — Hudson, W.
0601 (39278) Time and room to be arranged — Jackson, R.
0701 (39279) Time and room to be arranged — Montgomery, W.
0801 (39280) Time and room to be arranged — Olson, O.
0901 (39281) Time and room to be arranged — Ross, G.
1001 (39282) Time and room to be arranged — Sparks, L.
2001 (39283) Time and room to be arranged — Stevens, M.
3001 (39284) Time and room to be arranged — Wakefield, J.
4001 (39285) Time and room to be arranged — Walters, E.

MUSC831C (PermReq) — **Doctoral Seminar in Music Literature; Grade Method: REG.** *Prerequisite: MUSC 830 or permission of instructor.* — 3 credits
0101 (39295) TBA (TWS 2140A) — Traver, P.

MUSC831W (PermReq) — **Doctoral Seminar in Music Literature; Grade Method: REG/AUD.** *Prerequisite: MUSC 830 or permission of instructor.* For wind and percussion majors. — 3 credits
0101 (39305) Time and room to be arranged — Barnett, R.
0301 (39306) Time and room to be arranged — Head, E.
0501 (39307) Time and room to be arranged — Hudson, W.
0601 (39308) Time and room to be arranged — Jackson, R.
0701 (39309) Time and room to be arranged — Montgomery, W.
0801 (39310) Time and room to be arranged — Olson, O.
0901 (39311) Time and room to be arranged — Ross, G.
1001 (39312) Time and room to be arranged — Sparks, L.
1501 (39313) Time and room to be arranged — Gibson, R.
2001 (39314) Time and room to be arranged — Stevens, M.
3001 (39315) Time and room to be arranged — Wakefield, J.
4001 (39316) Time and room to be arranged — Walters, E.

MUSC878 (PermReq) — **Advanced Composition; Grade Method: REG/AUD.** — 3 credits
0101 (39326) TBA (TWS 1219B) — Moss, L.
0201 (39327) TBA (TWS 1241) — DeLio, T.
0301 (39328) TBA (TWS 1231C) — Wilson, M.
0401 (39329) TBA (TWS 1241A) — Gibson, R.

MUSC898 — **Doctoral Dissertation Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number.** — 1-8 credits

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MUSP Music Performance — (ARTS AND HUMANITIES)

Individual performance instruction courses in piano, voice and instruments are open to qualified major and non-major students by prior audition and permission of the Music Department Chairman.

Audition schedules, prerequisites, instructor section numbers, and registration permission forms may be obtained in the Department of Music Office.

INSTRUMENT DESIGNATION
Indicate the instrument chosen by adding a suffix to the course number.

SUFFIX	INSTRUMENT	SUFFIX	INSTRUMENT	SUFFIX	INSTRUMENT
A	Piano	J	Bassoon	S	World inst
B	Voice	K	Saxophone	T	Composition
C	Violin	L	Horn	U	Conducting graduate
D	Viola	M	Trumpet	V	Harp
E	Cello	N	Trombone	W	Electronic comp.
F	Bass	O	Tuba	X	Hist inst - keyboard
G	Flute	P	Euphonium	Y	Hist inst - strings
H	Oboe	Q	Percussion	Z	Hist inst - winds
I	Clarinet				

MINOR SERIES
Intended for either music majors studying a secondary instrument or non-music majors. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 102. Transfer students are evaluated for higher placement after one semester of study.

MUSP102, 103, 202, 203, 302, 303, 402, 403 — 2 credits
(PermReq) **Music Performance; Minor Series.**
Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, U, V, X, Y, Z
Time and room to be arranged.

Minor series lessons for non-major pianists are given on a space-available basis and may not be registered for before the beginning of the semester. Contact the Chair of the Piano Division on the first day of classes, giving your name, telephone number, and number of years of piano study. Your name will be placed on a waiting list, and if there is an opening for you in a faculty member's schedule, then you will be called by that faculty member. At that point you will register for the course.

PRINCIPAL SERIES
Intended for students majoring in music programs other than performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 109. Transfer students are evaluated for higher placement after one semester of study.

MUSP109, 110, 207, 208, 305, 306, 409, 410 — 2 or 4 credits
(PermReq) **Music Performance; Principal Series.**
Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, X, Y, Z
Time and room to be arranged.

MUSP609 — **Interpretation and Repertoire.** — 2 credits
(PermReq) **Grade Method: REG**
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, X
Time and room to be arranged.

MUSP610 — **Graduate Music Performance.** — 4 credits
(PermReq) **Grade Method: REG**
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, X
Time and room to be arranged.

MAJOR SERIES
Intended for students majoring in music performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 119. Transfer students are evaluated for higher placement after one semester of study.

MUSP119, 120, 217, 218, 315, 316, 419, 420 — 2 or 4 credits
(PermReq) **Music Performance; Major Series.**
Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, W
Time and room to be arranged.

MUSP619 — **Interpretation and Repertoire.** — 2 or 4 credits
(PermReq) **Grade Method: REG**
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, V, W
Time and room to be arranged.

MUSP620 — **Graduate Music Performance.** — 4 credits
(PermReq) **Grade Method: REG**
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, V, W
Time and room to be arranged.

MUSP719 — **Interpretation and Repertoire.** — 2 or 4 credits
(PermReq) **Grade Method: REG**
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

MUSP815 — **Interpretation, Performance, and Pedagogy.** — 4 credits
(PermReq) **Grade Method: REG**
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

MUSP816 — **Interpretation, Performance, and Pedagogy.** — 4 credits
(PermReq) **Grade Method: REG**
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

MUSP817 — **Interpretation, Performance, and Pedagogy.** — 4 credits
(PermReq) **Grade Method: REG**
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

NRMT Natural Resources Management — (Agriculture)

NRMT389 — **Internship; Grade Method: S-F.** — 3 credits
0001 (40947) Time and room to be arranged — Kangas, P.

NRMT481 — **Urban Wildlife Management; Grade Method: REG/P-F/AUD.** — 3 credits
0101 (40957) TuTh..... 8:00am- 9:15am (HZF 1102) — STAFF

NRMT489 (PermReq) — **Field Experience; Grade Method: REG/P-F/AUD.** — 1-4 credits
0001 (40967) Time and room to be arranged — Kangas, P.

NUSC Nutritional Science — (Agriculture)

NUSC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

NUSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

NUTR Nutrition (Agriculture)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

NUTR100 Elements of Nutrition; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. 3 credits

0102 (41100) MW.....10:00am-10:50am (ARM 0126) Castonguay, T.
Tu.....11:00am-11:50am (MMH 3418) Dis
0103 (41101) MW.....10:00am-10:50am (ARM 0126) Castonguay, T.
M.....11:00am-11:50am (MMH 3418) Dis
0104 (41102) MW.....10:00am-10:50am (ARM 0126) Castonguay, T.
Th.....11:00am-11:50am (MMH 3418) Dis
0105 (41103) MW.....10:00am-10:50am (ARM 0126) Castonguay, T.
F.....11:00am-11:50am (MMH 3418) Dis
0106 (41104) MW.....10:00am-10:50am (ARM 0126) Castonguay, T.
F.....10:00am-10:50am (ARM 0103) Dis
0107 (41105) MW.....10:00am-10:50am (ARM 0126) Castonguay, T.
M..... 2:00pm- 2:50pm (MMH 3418) Dis
0108 (41106) MW.....10:00am-10:50am (ARM 0126) Castonguay, T.
W..... 2:00pm- 2:50pm (MMH 3418) Dis
0109 (41107) MW.....10:00am-10:50am (ARM 0126) Castonguay, T.
Tu.....12:30pm- 1:20pm (MMH 1304) Dis
0110 (41108) MW.....10:00am-10:50am (ARM 0126) Castonguay, T.
Th.....12:30pm- 1:20pm (MMH 1304) Dis
0111 (41109) MW.....10:00am-10:50am (ARM 0126) Castonguay, T.
M..... 1:00pm- 1:50pm (MMH 0108) Dis
0112 (41110) MW.....10:00am-10:50am (ARM 0126) Castonguay, T.
W..... 1:00pm- 1:50pm (MMH 0108) Dis
0113 (41111) MW.....10:00am-10:50am (ARM 0126) Castonguay, T.
W.....12:00pm-12:50pm (MMH 1304) Dis

NUTR330 Nutritional Biochemistry; Grade Method: REG/P-F/AUD. *Prerequisites: CHEM 104 or CHEM 233 or CHEM 235, NUTR 100 or NUTR 200.* Course is offered in the fall semester only. 3 credits

0101 (41121) TuTh..... 8:00am- 9:15am (MMH 3418) Ahrens, R.

NUTR335 History of Nutrition; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: course in basic nutrition.* 3 credits

0101 (41131) MW..... 9:00am- 9:50am (MMH 1400) Ahrens, R.
M.....12:00pm-12:50pm (MMH 1304) Dis
0102 (41132) MW..... 9:00am- 9:50am (MMH 1400) Ahrens, R.
W.....12:00pm-12:50pm (MMH 3418) Dis
0103 (41133) MW..... 9:00am- 9:50am (MMH 1400) Ahrens, R.
F..... 9:00am- 9:50am (MMH 1304) Dis
0104 (41134) MW..... 9:00am- 9:50am (MMH 1400) Ahrens, R.
Tu..... 9:30am-10:20am (ARM 0120) Dis
0105 (41135) MW..... 9:00am- 9:50am (MMH 1400) Ahrens, R.
Th..... 9:30am-10:20am (ARM 0105) Dis
0106 (41136) MW..... 9:00am- 9:50am (MMH 1400) Ahrens, R.
Tu.....11:00am-11:50am (SYM 2109) Dis
0107 (41137) MW..... 9:00am- 9:50am (MMH 1400) Ahrens, R.
Th.....11:00am-11:50am (SYM 2109) Dis

NUTR425 International Nutrition; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: course in basic nutrition. Also offered as NUSC 425.* 3 credits

0101 (41147) TuTh..... 2:00pm- 3:15pm (ARM 0116) Jackson, R.

NUTR450 (PermReq) Advanced Human Nutrition II; Grade Method: REG/P-F/AUD. *Prerequisites: NUTR 440 or permission of department. Also offered as NUSC 450.* Course offered fall semesters only. 4 credits

0101 (41157) MWF..... 1:00pm- 1:50pm (MMH 3418) Moser-Veillon,
M..... 2:00pm- 5:00pm (MMH 3419) Lab
0102 (41158) MWF..... 1:00pm- 1:50pm (MMH 3418) Moser-Veillon,
W..... 2:00pm- 5:00pm (MMH 3419) Lab

NUTR468 (PermReq) Practicum in Nutrition; Grade Method: S-F. 1-6 credits

0101 (41168) Time and room to be arranged Curtis, S.

NUTR470 Community Nutrition; Grade Method: REG/P-F/AUD. *Prerequisites: NUTR 440 or permission of department.* Course is taught in the fall semester only. 3 credits

0101 (41178) TuTh..... 2:00pm- 3:15pm (MMH 0108) Sims, L.

NUTR490 (PermReq) Special Problems in Nutrition; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: NUTR 440 and permission of department.* 2-3 credits

NUTR498A (PermReq) Selected Topics: Individual Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

NUTR498P (PermReq) Selected Topics: Peer Nutrition Education; Grade Method: REG/P-F/AUD. 1 credit

0101 (41200) Time and room to be arranged Cook, P.

NUTR660 Research Methods; Grade Method: REG/AUD. *Prerequisite: a statistics course.* 3 credits

0101 (41210) TuTh..... 5:00pm- 6:15pm (MMH 3418) Castonguay, T.

NUTR678A (PermReq) Selected Topics in Nutrition: Individual Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

NUTR678E Selected Topics in Nutrition: Nutrition for the Elderly; Grade Method: REG/AUD. 3 credits

0101 (41226) TuTh..... 9:30am-10:45am (MMH 0108) Prather, M.

NUTR688 Seminar in Nutrition; Grade Method: REG/AUD. 1 credit

0101 (41236) Th..... 4:00pm- 4:50pm (MMH 1304) Jackson, R.

NUTR699 (PermReq) Problems in Nutrition; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

NUTR799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

NUTR888 (PermReq) Doctoral Seminar; Grade Method: REG/AUD. 1 credit

0101 (41269) Th..... 4:00pm- 4:50pm (MMH 1304) Jackson, R.

NUTR899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

PHIL Philosophy (Arts and Humanities)

PHIL100 Introduction to Philosophy; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A: Cultural and Historical Course. 3 credits

0101 (41545) MF.....12:00pm-12:50pm (SKN 0200) Martin, R.
M..... 9:00am- 9:50am (SKN 1115) Dis
0102 (41546) MF.....12:00pm-12:50pm (SKN 0200) Martin, R.
M..... 9:00am- 9:50am (WDS 1130) Dis
0103 (41547) MF.....12:00pm-12:50pm (SKN 0200) Martin, R.
M.....10:00am-10:50am (WDS 1130) Dis
0104 (41548) WF.....12:00pm-12:50pm (SKN 0200) Martin, R.
M.....10:00am-10:50am (TYD 2106) Dis
0105 (41549) WF.....12:00pm-12:50pm (SKN 0200) Martin, R.
M.....12:00pm-12:50pm (SKN 1112) Dis
0106 (41550) WF.....12:00pm-12:50pm (SKN 0200) Martin, R.
M.....12:00pm-12:50pm (SKN 1115) Dis
0201 (41551) TuTh.....11:00am-11:50am (SKN 0200) Hanley, R.
F..... 9:00am- 9:50am (ARC 1125) Dis
0202 (41552) TuTh.....11:00am-11:50am (SKN 0200) Hanley, R.
F.....11:00am-11:50am (ARC 1125) Dis
0203 (41553) TuTh.....11:00am-11:50am (SKN 0200) Hanley, R.
F.....12:00pm-12:50pm (ARC 1125) Dis

PHIL140 Contemporary Moral Issues; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits

0101 (41573) MW..... 1:00pm- 1:50pm (SKN 0200) STAFF
F.....10:00am-10:50am (CSS 2330) Dis
0102 (41574) MW..... 1:00pm- 1:50pm (SKN 0200) STAFF
F.....10:00am-10:50am (CHE 2145) Dis
0103 (41575) MW..... 1:00pm- 1:50pm (SKN 0200) STAFF
F.....10:00am-10:50am (ARC 1125) Dis
0104 (41576) MW..... 1:00pm- 1:50pm (SKN 0200) STAFF
F.....11:00am-11:50am (DNC 1139B) Dis
0105 (41577) MW..... 1:00pm- 1:50pm (SKN 0200) STAFF
F.....11:00am-11:50am (JRN 1105) Dis
0106 (41578) MW..... 1:00pm- 1:50pm (SKN 0200) STAFF
F.....11:00am-11:50am (MMH 0108) Dis
0107 (41579) MW..... 1:00pm- 1:50pm (SKN 0200) STAFF
F..... 1:00pm- 1:50pm (SKN 0104) Dis
0108 (41580) MW..... 1:00pm- 1:50pm (SKN 0200) STAFF
F..... 1:00pm- 1:50pm (SKN 1115) Dis
0109 (41581) MW..... 1:00pm- 1:50pm (SKN 0200) STAFF
F..... 1:00pm- 1:50pm (SCP 1117) Dis

PHIL143 Business Ethics; Grade Method: REG/P-F/AUD. 3 credits

0101 (41591) MW..... 2:00pm- 3:15pm (TYD 1114) Odell, S.

A note about PHIL 170, PHIL 173, PHIL 271 and PHIL 273. All three are introductory logic courses. PHIL 170 provides the student with a broad understanding of the field of logic, in both its traditional and its modern forms. PHIL 173 and PHIL 174 concentrate on applications, using logic to uncover the deductive structure of published material written in a diversity of literary styles. PHIL 271 enables the student to develop skill in using the techniques of modern symbolic logic, and an understanding of some of its underlying principles. PHIL 273 emphasizes the relation of logic to traditional philosophical problems. All five courses attempt to develop in students a heightened sensitivity to logical form, logical fallacy, and the logical nuances of ordinary language.

PHIL170 Introduction to Logic; Grade Method: REG/P-F/AUD. 3 credits

0101 (41401) MW.....11:00am-11:50am (SKN 0200) Stairs, A.
F..... 9:00am- 9:50am (SKN 1115) Dis
0102 (41402) MW.....11:00am-11:50am (SKN 0200) Stairs, A.
F..... 9:00am- 9:50am (CLB 0102) Dis
0103 (41403) MW.....11:00am-11:50am (SKN 0200) Stairs, A.
F.....11:00am-11:50am (SKN 0104) Dis
0104 (41404) MW.....11:00am-11:50am (SKN 0200) Stairs, A.
F.....11:00am-11:50am (TYD 2106) Dis
0105 (41405) MW.....11:00am-11:50am (SKN 0200) Stairs, A.
F.....12:00pm-12:50pm (CHM 0127) Dis
0106 (41406) MW.....11:00am-11:50am (SKN 0200) Stairs, A.
F.....12:00pm-12:50pm (CLB 0104) Dis

PHIL173 Logic and the English Language I; Grade Method: REG/P-F/AUD. 3 credits

0101 (41416) MWF.....10:00am-10:50am (SKN 1115) Pasch, A.

PHIL201 Issues in the Philosophy of Life; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. 3 credits

0101 (41426) TuTh.....11:00am-12:15pm (SKN 1112) Slote, M.

PHIL243 Philosophy of Rural Life; Grade Method: REG/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A: Cultural and Historical Course. 3 credits

0101 (41447) TuTh..... 9:30am-10:45am (SKN 1112) Suppe, F.

PHIL250 Philosophy of Science I; Grade Method: REG/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A: Cultural and Historical Course. 3 credits

0101 (41457) TuTh..... 2:00pm- 3:15pm (SKN 1115) Darden, L.

PHIL271 Symbolic Logic I; Grade Method: REG/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Formerly PHIL 371.* 3 credits

0101 (41467) MWF.....10:00am-10:50am (TYD 1102) Svenonius, L.

PHIL308A Studies in Contemporary Philosophy: Philosophy of Literature and Film; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. 3 credits

0101 (41477) TuTh..... 2:00pm- 3:15pm (TYD 0111) Levinson, J.

PHIL310 Ancient Philosophy; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: six credits in philosophy or classics.* 3 credits

0101 (41498) TuTh.....11:00am-12:15pm (SKN 1115) Lesher, J.

PHIL320 Modern Philosophy; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. *Prerequisite: six credits in philosophy.* 3 credits

0101 (41508) MWF.....11:00am-11:50am (SKN 1115) Celarier, J.

PHIL326 Twentieth Century Analytic Philosophy; Grade Method: REG/P-F/AUD. *Prerequisite: six credits in philosophy. Recommended: PHIL 320.* 3 credits

0101 (41518) MW..... 1:00pm- 1:50pm (SKN 1115) Odell, S.
M..... 3:30pm- 4:20pm (SKN 1115)

PHIL331 Philosophy of Art; Grade Method: REG/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: one course in philosophy or two courses in the creative arts.* 3 credits

0101 (41528) MWF.....12:00pm-12:50pm (ZOP 1243) Brown, J.

PHIL332 Philosophy of Beauty; Grade Method: REG/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. *Prerequisites: two courses in philosophy, literature, or the arts.* 3 credits

0101 (41538) MWF..... 2:00pm- 2:50pm (WDS 1131) Brown, J.

PHIL348 Introduction to Virtue Ethics; Grade Method: REG/P-F/AUD. 3 credits

0101 (41548) TuTh..... 2:00pm- 3:15pm (SKN 1112) Greenspan, P.

PHIL360 Philosophy of Language; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. *Prerequisite: PHIL 170, PHIL 173, or PHIL 271.* 3 credits

0101 (41558) TuTh.....12:30pm- 1:45pm (SKN 1112) Devitt, M.

PHIL380 Philosophy of Psychology: Introduction; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. *Prerequisite: one course in philosophy or permission of department. Not open to students who have completed PHIL 465. Formerly PHIL 465.* 3 credits

0101 (41568) MWF.....11:00am-11:50am (SCP 1119) STAFF

PHIL385 Philosophy and Computers; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. *Prerequisite: one course in logic or computer science or satisfaction of junior level English composition requirement or permission of department.* 3 credits

0101 (41578) TuTh..... 3:30pm- 4:45pm (SKN 1112) Cherniak, C.

PHIL386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* Consult Director of Undergraduate Studies: Martin, R. Prerequisites: 12 credit hours of philosophy and 3.0 GPA. Carries no credit toward philosophy major. 6 credits

PHIL408N (PermReq) Topics in Contemporary Philosophy: Social Basis of Ethics; Grade Method: REG/P-F/AUD. Prerequisite: PHIL 320 or PHIL 341 or PHIL 346 or permission of department. 3 credits

0101 (41589) TuTh.....11:00am-12:15pm (SKN 1116) Greenspan, P.

PHIL416 Medieval Philosophy; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. *Prerequisite: six credits in philosophy.* 3 credits

0101 (41599) MWF..... 1:00pm- 1:50pm (SKN 1116) Svenonius, L.

PHIL428S Topics in the History of Philosophy: The Philosophy of Spinoza; Grade Method: REG/P-F/AUD. 3 credits

0101 (41609) Tu..... 2:00pm- 4:50pm (JMZ 1104) Manekin, C.

PHIL447 Philosophy of Law; Grade Method: REG/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: one course in philosophy.* 3 credits

0101 (41619) TuTh.....12:30pm- 1:45pm (ARM 0112) STAFF

PHIL450 Scientific Thought I; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: one course in philosophy or a major in science.* 3 credits

0101 (41629) TuTh.....12:30pm- 1:45pm (SKN 1115) Wallace, W.

PHIL452 Philosophy of Physics; Grade Method: REG/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: three credits in philosophy or three credits in physics.* 3 credits

0101 (41639) MW..... 2:00pm- 3:15pm (SKN 1115) Stairs, A.

PHIL484 Metaphysics; Grade Method: REG/P-F/AUD. *Prerequisite: six credits in philosophy.* 3 credits

0101 (41649) TuTh..... 3:30pm- 4:45pm (WDS 1127) Devitt, M.

PHIL488F (PermReq) Topical Investigations; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL488G (PermReq) Topical Investigations; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL888E Selected Problems in Philosophy: Exegesis and Analysis of Philosophical Texts; Grade Method: REG/AUD. 3 credits

0101 (41715) Tu..... 7:00pm- 9:30pm (SKN 1116) Suppe, F.

PHIL888F (PermReq) Selected Problems in Philosophy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL888G (PermReq) Selected Problems in Philosophy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL888I Selected Problems in Philosophy: Metaphysics; Grade Method: REG/AUD. 3 credits

0101 (41769) TuTh..... 3:30pm- 4:45pm (WDS 1127) Devitt, M.

PHIL888T Selected Problems in Philosophy: Twentieth Century Analytic Philosophy; Grade Method: REG. 3 credits

0101 (41779) MW..... 1:00pm- 1:50pm (SKN 1115) Odell, S.
M..... 3:30pm- 4:20pm (SKN 1115)

PHIL888X Selected Problems in Philosophy: Social Basis of (PermReq) Ethics; Grade Method: REG/AUD. 3 credits

0101 (41789) TuTh.....11:00am-12:15pm (SKN 1116) Greenspan, P.

PHIL788F (PermReq) Research in Philosophy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL788G (PermReq) Research in Philosophy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL788I Research in Philosophy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL828B Seminar in the History of Philosophy: Potentiality and Function; Grade Method: REG/AUD. 3 credits

0101 (41886) Time and room to be arranged Celarier, J.

PHIL838B Seminar in Aesthetics: Punishment and Responsibility; Grade Method: REG/AUD. 3 credits

0101 (41896) Time and room to be arranged Lichtenberg, J.

PHIL858M Seminar in Logic and Philosophy of Sciences: History and Philosophy of Molecular Biology; Grade Method: REG/AUD. 3 credits

0101 (41906) Tu..... 4:00pm- 6:30pm (SKN 1116) Darden, L.

PHIL899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

PHYS Physics (Computer, Mathematical and Physical Sciences)

PHYS102 Physics of Music; Grade Method: REG/P-F/AUD. *Prerequisite: high school algebra. Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with PHYS 103. USP Distributive Studies Area B Course. If taken with PHYS 103, course may be counted as USP Area B Lab Science requirement. 3 credits

0101 (41987) TuTh..... 2:00pm- 3:15pm (PHY 1412) STAFF

PHYS103 Physics of Music Laboratory; Grade Method: REG/P-F/AUD. *Pre- or corequisite: PHYS 102. Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with PHYS 102. 1 credit

0101 (41997) Th..... 9:00am-10:50am (PHY 3213) Lab Berg, R.
0201 (41998) Th.....11:00am-12:50pm (PHY 3213) Lab Berg, R.
0301 (41999) Th..... 5:30pm- 5:20pm (PHY 3213) Lab Berg, R.
0401 (42000) F.....10:00am-11:50am (PHY 3213) Lab Berg, R.
0501 (42001) F.....12:00pm- 1:50pm (PHY 3213) Lab Berg, R.

PHYS106 Light, Perception, Photography, and Visual Phenomena; Grade Method: REG/P-F/AUD. *Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Distributive Studies Physical Science Laboratory Course only when taken with PHYS 107. Credit cannot be received for both PHYS 106 and PHYS 499E. USP Distributive Studies Area B Course. If taken with PHYS 107, course may be counted as USP Area B Lab Science requirement. 3 credits

0101 (42011) MWF..... 2:00pm- 2:50pm (PHY 1412) Kelly, J.

PHYS107 Light, Perception, Photography and Visual Phenomena Laboratory; Grade Method: REG/P-F/AUD. *Pre- or corequisite: PHYS 106. Credit not applicable towards the minimum* 1 credit

requirements for a major in physics and astronomy. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with PHYS 106.

0101 (42021) Tu..... 9:00am-10:50am (PHY 3214) Lab — Kelly, J.
0201 (42022) Tu.....12:00pm- 1:50pm (PHY 3214) Lab — Kelly, J.
0301 (42023) W..... 9:00am-10:50am (PHY 3214) Lab — Kelly, J.
0501 (42025) W.....12:00pm- 1:50pm (PHY 3214) Lab — Kelly, J.
0601 (42026) Tu..... 3:30pm- 5:20pm (PHY 3214) Lab — Kelly, J.
0701 (42027) Th.....10:00am-11:50am (PHY 3214) Lab — Kelly, J.
0801 (42028) Th.....12:00pm- 1:50pm (PHY 3214) Lab — Kelly, J.

PHYS111 — **Physics in the Modern World; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** Intended for students who will continue in PHYS 112. Offered fall only. — **3 credits**

0101 (42040) MWF..... 9:00am- 9:50am (PHY 1410) — Alley, C.

PHYS117 — **Introduction to Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: qualification to enter MATH 110.* — **4 credits**

0101 (42050) MWF..... 2:00pm- 2:50pm (PHY 1410) — Desilva, A.
M..... 4:00pm- 5:50pm (PHY 3316) Lab
0102 (42051) MWF..... 2:00pm- 2:50pm (PHY 1410) — Desilva, A.
Tu..... 3:00pm- 4:50pm (PHY 3316) Lab
0104 (42052) MWF..... 2:00pm- 2:50pm (PHY 1410) — Desilva, A.
W..... 4:00pm- 5:50pm (PHY 3316) Lab
0105 (42053) MWF..... 2:00pm- 2:50pm (PHY 1410) — Desilva, A.
Th.....12:00pm- 1:50pm (PHY 3316) Lab

PHYS121 — **Fundamentals of Physics I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: previous course work in trigonometry or MATH 115.* Physics clinic, PHY 1214, MTWHF 11,1. — **4 credits**

0101 (42063) MWF.....10:00am-10:50am (PHY 1410) — Glick, A.
W..... 4:00pm- 5:50pm (PHY 3306) Lab
W..... 3:00pm- 3:50pm (PHY 1219) Dis
0102 (42064) MWF.....10:00am-10:50am (PHY 1410) — Glick, A.
M..... 4:00pm- 5:50pm (PHY 3306) Lab
M..... 3:00pm- 3:50pm (PHY 4220) Dis
0103 (42065) MWF.....10:00am-10:50am (PHY 1410) — Glick, A.
Tu.....11:00am-12:50pm (PHY 3306) Lab
Tu.....10:00am-10:50am (EGR 2112) Dis
0104 (42066) MWF.....10:00am-10:50am (PHY 1410) — Glick, A.
Tu..... 1:00pm- 2:50pm (PHY 3306) Lab
Tu.....12:00pm-12:50pm (EGR 3108) Dis
0105 (42067) MWF.....10:00am-10:50am (PHY 1410) — Glick, A.
W.....12:00pm- 1:50pm (PHY 3306) Lab
W.....11:00am-11:50am (PHY 4220) Dis
0106 (42068) MWF.....10:00am-10:50am (PHY 1410) — Glick, A.
W..... 6:00pm- 7:50pm (PHY 3306) Lab
W..... 5:00pm- 5:50pm (PHY 4220) Dis
0201 (42069) MWF.....12:00pm-12:50pm (PHY 1410) — Misner, C.
W..... 9:00am-10:50am (PHY 3306) Lab
W..... 8:00am- 8:50am (PHY 4220) Dis
0202 (42070) MWF.....12:00pm-12:50pm (PHY 1410) — Misner, C.
W..... 2:00pm- 3:50pm (PHY 3306) Lab
W..... 1:00pm- 1:50pm (PHY 0405) Dis
0203 (42071) MWF.....12:00pm-12:50pm (PHY 1410) — Misner, C.
Th.....11:00am-12:50pm (PHY 3306) Lab
Th.....10:00am-10:50am (PHY 4220) Dis
0204 (42072) MWF.....12:00pm-12:50pm (PHY 1410) — Misner, C.
Th..... 9:00am-10:50am (PHY 3306) Lab
Th..... 8:00am- 8:50am (PHY 1221) Dis
0205 (42073) MWF.....12:00pm-12:50pm (PHY 1410) — Misner, C.
Th..... 1:00pm- 2:50pm (PHY 3306) Lab
Th.....12:00pm-12:50pm (EGR 3108) Dis
0206 (42074) MWF.....12:00pm-12:50pm (PHY 1410) — Misner, C.
M..... 2:00pm- 3:50pm (PHY 3306) Lab
M..... 1:00pm- 1:50pm (PHY 1219) Dis
0301 (42075) TuTh.....12:30pm- 1:45pm (PHY 1410) — Goodman, J.
Tu..... 9:00am-10:50am (PHY 3306) Lab
Tu..... 8:00am- 8:50am (PHY 4220) Dis
0302 (42076) TuTh.....12:30pm- 1:45pm (PHY 1410) — Goodman, J.
M.....10:00am-11:50am (PHY 3306) Lab
M..... 9:00am- 9:50am (PHY 4220) Dis
0303 (42077) TuTh.....12:30pm- 1:45pm (PHY 1410) — Goodman, J.
M.....12:00pm- 1:50pm (PHY 3306) Lab
M.....11:00am-11:50am (PHY 4220) Dis
0304 (42078) TuTh.....12:30pm- 1:45pm (PHY 1410) — Goodman, J.
Th..... 4:00pm- 5:50pm (PHY 3306) Lab
Th..... 3:00pm- 3:50pm (PHY 1221) Dis
0305 (42079) TuTh.....12:30pm- 1:45pm (PHY 1410) — Goodman, J.
Tu..... 3:00pm- 4:50pm (PHY 3306) Lab
Tu..... 2:00pm- 2:50pm (PHY 4208) Dis
0401 (42080) MW..... 7:00pm- 8:30pm (PHY 1412) — Ellis, R.
Tu..... 7:30pm- 9:20pm (PHY 3306) Lab
Tu..... 6:30pm- 7:20pm (PHY 1219) Dis
0402 (42081) MW..... 7:00pm- 8:30pm (PHY 1412) — Ellis, R.
Th..... 7:30pm- 9:20pm (PHY 3306) Lab
Th..... 6:30pm- 7:20pm (PHY 0405) Dis
0403 (42082) MW..... 7:00pm- 8:30pm (PHY 1412) — Ellis, R.
Tu..... 5:00pm- 7:00pm (PHY 3306) Lab
Th..... 6:00pm- 7:00pm (PHY 1402) Dis

PHYS122 — **Fundamentals of Physics II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: PHYS 121 or equivalent.* Physics clinic, PHY 1214, MTWHF 12,2. — **4 credits**

0101 (42092) MWF..... 1:00pm- 1:50pm (PHY 1410) — STAFF
M..... 4:00pm- 5:50pm (PHY 3312) Lab
M..... 3:00pm- 3:50pm (PHY 1221) Dis
0102 (42093) MWF..... 1:00pm- 1:50pm (PHY 1410) — STAFF
Tu..... 9:00am-10:50am (PHY 3312) Lab
Tu..... 8:00am- 8:50am (PHY 1221) Dis
0103 (42094) MWF..... 1:00pm- 1:50pm (PHY 1410) — STAFF
Tu.....12:00pm- 1:50pm (PHY 3312) Lab
Tu.....11:00am-11:50am (PHY 4220) Dis
0104 (42095) MWF..... 1:00pm- 1:50pm (PHY 1410) — STAFF
Tu..... 2:00pm- 3:50pm (PHY 3312) Lab
Tu..... 1:00pm- 1:50pm (PHY 4208) Dis
0105 (42096) MWF..... 1:00pm- 1:50pm (PHY 1410) — STAFF
W..... 9:00am-10:50am (PHY 3312) Lab
W..... 8:00am- 8:50am (PHY 4208) Dis
0106 (42097) MWF..... 1:00pm- 1:50pm (PHY 1410) — STAFF
W..... 5:00pm- 6:50pm (PHY 3312) Lab
W..... 2:00pm- 2:50pm (PHY 4208) Dis
0107 (42098) MWF..... 1:00pm- 1:50pm (PHY 1410) — STAFF
Th..... 9:00am-10:50am (PHY 3312) Lab
Th..... 8:00am- 8:50am (PHY 4208) Dis

PHYS141 — **Principles of Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.* Physics clinics, PHY 1214, MTWHF 10,12. — **4 credits**

0102 (42109) MWF.....11:00am-11:50am (PHY 1410) — STAFF
M..... 4:00pm- 5:50pm (PHY 3314) Lab
M..... 3:00pm- 3:50pm (PHY 1402) Dis
0103 (42110) MWF.....11:00am-11:50am (PHY 1410) — STAFF
Tu..... 9:00am-10:50am (PHY 3314) Lab
Tu..... 8:00am- 8:50am (PHY 1402) Dis
0104 (42111) MWF.....11:00am-11:50am (PHY 1410) — STAFF
Tu.....11:00am-12:50pm (PHY 3314) Lab
Tu.....10:00am-10:50am (PHY 4220) Dis
0105 (42112) MWF.....11:00am-11:50am (PHY 1410) — STAFF
Tu..... 2:00pm- 3:50pm (PHY 3314) Lab
Tu..... 1:00pm- 1:50pm (PHY 4220) Dis

PHYS142 — **Principles of Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262.* Physics clinic PHY 1214, MTWHF 2. — **4 credits**

01F1 (42122) MWF..... 3:00pm- 3:50pm (PHY 1410) — Holmgren, H.
Th..... 9:00am-10:50am (PHY 3310) Lab
Th..... 8:00am- 8:50am (PHY 0405) Dis
01F2 (42123) MWF..... 3:00pm- 3:50pm (PHY 1410) — Holmgren, H.
Th.....12:00pm- 1:50pm (PHY 3310) Lab
Th.....11:00am-11:50am (EGR 3108) Dis
01F3 (42124) MWF..... 3:00pm- 3:50pm (PHY 1410) — Holmgren, H.
Th..... 2:00pm- 3:50pm (PHY 3310) Lab
Th..... 1:00pm- 1:50pm (PHY 4208) Dis

PHYS161 — **General Physics: Mechanics and Particle Dynamics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Pre- or corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.* Physics clinic, PHY 1214, MTWHF 11, 2. — **3 credits**

0101 (42134) MWF..... 3:00pm- 3:50pm (PHY 1412) — Redish, E.
F..... 1:00pm- 1:50pm (PHY 0405) Dis
0103 (42135) MWF..... 3:00pm- 3:50pm (PHY 1412) — Redish, E.
M..... 4:00pm- 4:50pm (PHY 1221) Dis
0104 (42136) MWF..... 3:00pm- 3:50pm (PHY 1412) — Redish, E.
W..... 4:00pm- 4:50pm (PHY 1221) Dis
0201 (42137) TuTh.....12:30pm- 1:45pm (PHY 1412) — Mason, G.
M.....11:00am-11:50am (PHY 4102) Dis
0202 (42138) TuTh.....12:30pm- 1:45pm (PHY 1412) — Mason, G.
Tu..... 2:00pm- 2:50pm (PHY 1221) Dis
0203 (42139) TuTh.....12:30pm- 1:45pm (PHY 1412) — Mason, G.
W..... 3:00pm- 3:50pm (PHY 1221) Dis
0204 (42140) TuTh.....12:30pm- 1:45pm (PHY 1412) — Mason, G.
Th.....11:00am-11:50am (PHY 4220) Dis
0301 (42141) MWF.....10:00am-10:50am (PHY 1412) — Coplan, M.
Tu..... 3:00pm- 3:50pm (PHY 1402) Dis
0302 (42142) MWF.....10:00am-10:50am (PHY 1412) — Coplan, M.
W..... 9:00am- 9:50am (PHY 4208) Dis
0303 (42143) MWF.....10:00am-10:50am (PHY 1412) — Coplan, M.
W..... 1:00pm- 1:50pm (CHM 0127) Dis
0304 (42144) MWF.....10:00am-10:50am (PHY 1412) — Coplan, M.
Th..... 1:00pm- 1:50pm (PHY 0405) Dis
0305 (42145) MWF.....10:00am-10:50am (PHY 1412) — Coplan, M.
Th.....12:00pm-12:50pm (PHY 0405) Dis

PHYS171 — **Introductory Physics: Mechanics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: MATH 140 and a high school physics course or permission of department. Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.* — **5 credits**

02F1 (42155) MTuThF.... 9:00am- 9:50am (PHY 1402) — Macdonald, H.

PHYS262 — **General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: PHYS 161. Corequisite: PHYS 262A. Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262.* Physics clinic, PHY 1214, MTWHF 10, 12, 2. — **4 credits**

0201 (42170) MWF.....11:00am-11:50am (PHY 1412) — Anlage, S.
W..... 1:00pm- 1:50pm (PHY 1402) Dis
0202 (42171) MWF.....11:00am-11:50am (PHY 1412) — Anlage, S.
M..... 2:00pm- 2:50pm (PHY 1219) Dis
0203 (42172) MWF.....11:00am-11:50am (PHY 1412) — Anlage, S.
W.....12:00pm-12:50pm (PHY 1221) Dis
0204 (42173) MWF.....11:00am-11:50am (PHY 1412) — Anlage, S.
F..... 2:00pm- 2:50pm (PHY 1219) Dis
0205 (42174) MWF.....11:00am-11:50am (PHY 1412) — Anlage, S.
Tu..... 8:00am- 8:50am (PHY 1219) Dis
0301 (42175) TuTh..... 8:00am- 9:15am (PHY 1412) — Baden, A.
Th..... 2:00pm- 2:50pm (PHY 1221) Dis
0302 (42176) TuTh..... 8:00am- 9:15am (PHY 1412) — Baden, A.
F.....11:00am-11:50am (EGR 0104) Dis
0303 (42177) TuTh..... 8:00am- 9:15am (PHY 1412) — Baden, A.
Tu..... 3:00pm- 3:50pm (PHY 1221) Dis
0304 (42178) TuTh..... 8:00am- 9:15am (PHY 1412) — Baden, A.
M..... 2:00pm- 2:50pm (PHY 4208) Dis
0305 (42179) TuTh..... 8:00am- 9:15am (PHY 1412) — Baden, A.
Tu.....12:00pm-12:50pm (PHY 0405) Dis
0401 (42180) MW..... 7:00pm- 9:00pm (PHY 1410) — Greene, R.
MW..... 7:00pm- 9:00pm (PHY 4220) Dis
0402 (42181) MW..... 7:00pm- 9:00pm (PHY 1410) — Greene, R.
MW..... 7:00pm- 9:00pm (PHY 1402) Dis

PHYS262A — **General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); Grade Method: NGI.** *Corequisite: PHYS 262.* — **No credit**

0101 (42191) M..... 1:00pm- 2:50pm (PHY 3219) Lab — Chang, C.
0102 (42192) M..... 3:00pm- 4:50pm (PHY 3219) Lab — Chang, C.
0104 (42193) Tu.....10:00am-11:50am (PHY 3219) Lab — Chang, C.
0105 (42194) Tu.....12:00pm- 1:50pm (PHY 3219) Lab — Chang, C.
0106 (42195) Tu..... 2:00pm- 3:50pm (PHY 3219) Lab — Chang, C.
0108 (42197) W..... 8:00am- 9:50am (PHY 3219) Lab — Chang, C.
0110 (42198) W.....12:00pm- 1:50pm (PHY 3219) Lab — Chang, C.
0111 (42199) W..... 2:00pm- 3:50pm (PHY 3219) Lab — Chang, C.
0112 (42200) W..... 4:00pm- 5:50pm (PHY 3219) Lab — Chang, C.
0114 (42201) Th.....10:00am-11:50am (PHY 3219) Lab — Chang, C.
0115 (42202) Th.....12:00pm- 1:50pm (PHY 3219) Lab — Chang, C.
0116 (42203) Th..... 2:00pm- 3:50pm (PHY 3219) Lab — Chang, C.
0117 (42204) Tu..... 7:00pm- 8:50pm (PHY 3219) Lab — Chang, C.
0119 (42206) Th..... 7:00pm- 8:50pm (PHY 3219) Lab — Chang, C.

PHYS262H (PermReq) — **General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: PHYS 161. Corequisite: PHYS 262A. Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262.* — **4 credits**

02F1 (42216) MWF.....11:00am-11:50am (PHY 1412) — Anlage, S.
M..... 4:00pm- 4:50pm (PHY 4220) Dis
03F1 (42217) TuTh..... 8:00am- 9:15am (PHY 1412) — Baden, A.
M..... 4:00pm- 4:50pm (PHY 4220) Dis

PHYS263 — **General Physics: Electrodynamics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: PHYS 262. Corequisite: PHYS 263A. Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293.* Physics clinic, PHY 1214, MTWHF 10, 11, 1. — **4 credits**

0101 (42227) MW..... 4:00pm- 5:15pm (PHY 1410) — Gates, S.
W.....10:00am-10:50am (PHY 1402) Dis
0102 (42228) MW..... 4:00pm- 5:15pm (PHY 1410) — Gates, S.
M..... 1:00pm- 1:50pm (PHY 0405) Dis
0103 (42229) MW..... 4:00pm- 5:15pm (PHY 1410) — Gates, S.
W..... 3:00pm- 3:50pm (PHY 1402) Dis
0104 (42230) MW..... 4:00pm- 5:15pm (PHY 1410) — Gates, S.
Tu..... 1:00pm- 1:50pm (PHY 1221) Dis
0301 (42231) MWF.....12:00pm-12:50pm (PHY 1412) — STAFF
Tu..... 8:00am- 8:50am (PHY 4208) Dis
0302 (42232) MWF.....12:00pm-12:50pm (PHY 1412) — STAFF
W.....10:00am-10:50am (PHY 1221) Dis
0303 (42233) MWF.....12:00pm-12:50pm (PHY 1412) — STAFF
Tu..... 3:00pm- 3:50pm (PHY 4208) Dis
0304 (42234) MWF.....12:00pm-12:50pm (PHY 1412) — STAFF
W..... 3:00pm- 3:50pm (PHY 4208) Dis
0305 (42235) MWF.....12:00pm-12:50pm (PHY 1412) — STAFF
F..... 1:00pm- 1:50pm (PHY 1219) Dis
0306 (42236) MWF.....12:00pm-12:50pm (PHY 1412) — STAFF
Th..... 1:00pm- 1:50pm (PHY 1221) Dis
0307 (42237) MWF.....12:00pm-12:50pm (PHY 1412) — STAFF
M..... 2:00pm- 2:50pm (PHY 4220) Dis

PHYS263A — **General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); Grade Method: NGI.** *Corequisite: PHYS 263.* Laboratory. — **No credit**

0101 (42247) M..... 1:00pm- 2:50pm (PHY 3220) Lab — Chang, C.
0102 (42248) M..... 3:00pm- 4:50pm (PHY 3220) Lab — Chang, C.
0104 (42250) Tu.....10:00am-11:50am (PHY 3220) Lab — Chang, C.
0105 (42251) Tu.....12:00pm- 1:50pm (PHY 3220) Lab — Chang, C.
0106 (42252) Tu..... 2:00pm- 3:50pm (PHY 3220) Lab — Chang, C.
0107 (42253) Tu..... 4:00pm- 5:50pm (PHY 3220) Lab — Chang, C.
0111 (42254) W.....12:00pm- 1:50pm (PHY 3220) Lab — Chang, C.
0112 (42255) W..... 2:00pm- 3:50pm (PHY 3220) Lab — Chang, C.
0115 (42256) Th.....10:00am-11:50am (PHY 3220) Lab — Chang, C.
0116 (42257) Th.....12:00pm- 1:50pm (PHY 3220) Lab — Chang, C.
0117 (42258) Th..... 2:00pm- 3:50pm (PHY 3220) Lab — Chang, C.
0118 (42259) Th..... 4:00pm- 5:50pm (PHY 3220) Lab — Chang, C.

PHYS272 — **Introductory Physics: Vibrations, Waves, Heat, Fluids, Optics, Light; Grade Method: REG/P-F/AUD.** *Prerequisites: PHYS 171 and MATH 141. Corequisites: PHYS 275 and (MATH 241 or MATH 240). Credit will be granted for only one of the following: PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262.* CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with PHYS 275. USP Distributive Studies Area B Course. If taken with PHYS 275, course may be counted as USP Distributive Studies Area B Course lab science requirement. — **5 credits**

01F1 (42270) MTuThF....12:00pm-12:50pm (PHY 4220) — Einstein, T.

PHYS272H — **Introductory Physics: Vibrations, Waves, Heat, Fluids, Optics, Light; Grade Method: REG/P-F/AUD.** *Prerequisites: PHYS 171 and MATH 141. Corequisites: PHYS 275 and (MATH 241 or MATH 240). Credit will be granted for only one of the following: PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262.* CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with PHYS 275. USP Distributive Studies Area B Course. If taken with PHYS 275, course may be counted as USP Distributive Studies Area B Course lab science requirement. — **5 credits**

01F1 (42280) MTuThF....12:00pm-12:50pm (PHY 4220) — Einstein, T.

PHYS273 — **Introductory Physics: Electrodynamics and Relativity; Grade Method: REG/P-F/AUD.** *Prerequisites: PHYS 272, PHYS 275 and (MATH 240 or MATH 241). Corequisites: PHYS 276 and (MATH 240 or MATH 241). Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293.* Meets USP Distributive Studies (B) Natural Sciences and Mathematics requirement. If taken with PHYS 276, course may be taken as lab science requirement. — **3 credits**

0101 (42290) MF..... 1:00pm- 2:15pm (PHY 1402) — Kacser, C.
W..... 1:00pm- 1:50pm (PHY 4220)

PHYS273H — **Introductory Physics: Electrodynamics and Relativity; Grade Method: REG/P-F/AUD.** *Prerequisites: PHYS 272, PHYS 275 and (MATH 240 or MATH 241). Corequisites: PHYS 276 and (MATH 240 or MATH 241). Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293.* — **3 credits**

0101 (42300) MF..... 1:00pm- 2:15pm (PHY 1402) — Kacser, C.
W..... 1:00pm- 1:50pm (PHY 4220)

PHYS275 (PermReq) — **Experimental Physics I: Mechanics and Thermodynamics; Grade Method: REG/P-F/AUD.** *Prerequisite: PHYS 171 or PHYS 191. Two-three hour laboratory-lecture per week. Credit will not be granted for more than two of the following courses: PHYS275, PHYS 195, PHYS 196.* CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with PHYS 272. — **1 credit**

01F1 (42310) M..... 2:00pm- 4:50pm (PHY 3203) Lab — Boyd, D.
02F1 (42311) Tu..... 1:00pm- 3:50pm (PHY 3203) Lab — Venkatesan, T.
03F1 (42312) W..... 1:00pm- 3:50pm (PHY 3203) Lab — Venkatesan, T.

PHYS276 (PermReq) — **Experimental Physics II: Electricity and Magnetism; Grade Method: REG/P-F/AUD.** *Prerequisites: PHYS 272 and PHYS 275. Credit will be granted for only one of the following: PHYS 276 or former PHYS 295.* — **2 credits**

0101 (42322) M..... 2:00pm- 5:50pm (PHY 3211) Lab — Skiff, F.
0201 (42323) Tu..... 1:00pm- 4:50pm (PHY 3211) Lab — Skiff, F.

PHYS298 (PermReq) — **Special Problems in Physics; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number.** — **1-6 credits**

PHYS301 — **Intermediate Theoretical Physics; Grade Method: REG/P-F/AUD.** *Prerequisite: PHYS 142 and MATH 241.* — **3 credits**

0101 (42468) MW..... 4:00pm- 5:15pm (PHY 1402) — STAFF

PHYS305 — **Physics Shop Techniques; Grade Method: REG/P-F/AUD.** *Prerequisite: PHYS 395 or permission of department.* — **1 credit**

0101 (42478) Th..... 2:00pm- 5:00pm (PHY 0125) Lab — Giddings, M.

PHYS375 — **Experimental Physics III: Electromagnetic Waves, Optics and Modern Physics; Grade Method: REG/P-F/AUD.** *Prerequisites: PHYS 273 and PHYS 276. Credit will be granted for only one of the following: PHYS 375 or former PHYS 296.* — **2 credits**

0101 (42488) M..... 1:00pm- 4:50pm (PHY 3104) — Currie, D.
0301 (42490) Th..... 1:00pm- 4:50pm (PHY 3104) — Currie, D.
0401 (42491) W..... 2:00pm- 5:50pm (PHY 3104) — Currie, D.

PHYS399 (PermReq) — **Undergraduate Thesis Research; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number.** — **1-6 credits**

PHYS395 — **Advanced Experiments; Grade Method: REG/P-F/AUD.** *Prerequisite: PHYS 375. For PHYS majors only.* Besides lab hours scheduled below, additional required lab time will be arranged. Labs begin first week of classes. — **3 credits**

0101 (42636) Th..... 1:00pm- 4:50pm (PHY 3210) Lab — Roos, P.
0102 (42637) W.....12:00pm- 3:50pm (PHY 3210) Lab — Roos, P.

PHYS398 (PermReq) — **Independent Studies Seminar; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — **1-16 credits**

PHYS399 — **Special Problems in Physics; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number.** — **1-3 credits**

PHYS406 — **Optics; Grade Method: REG/P-F/AUD.** *Prerequisite: PHYS 263 or PHYS 273 or PHYS 301, and MATH 240.* — **3 credits**

0101 (42917) MW..... 4:00pm- 5:15pm (PHY 1219) — STAFF

PHYS410 — **Elements of Theoretical Physics: Mechanics; Grade Method: REG/P-F/AUD.** *Prerequisite: PHYS 263 or PHYS 273 or PHYS 301; and MATH 241. Corequisite: MATH 240.* — **4 credits**

0101 (42927) TuTh..... 9:00am-10:50am (PHY 0405) — Cohen, T.

PHYS411 — **Elements of Theoretical Physics: Electricity and Magnetism; Grade Method: REG/P-F/AUD.** *Prerequisite: PHYS 263 or PHYS 273 or PHYS 301; and MATH 240 and MATH 241.* — **4 credits**

0101 (42937) TuTh..... 9:00am-10:50am (PHY 1219) — Hadley, N.

PHYS414 — **Introduction to Thermodynamics and Statistical Mechanics; Grade Method: REG/P-F/AUD.** *Prerequisite: PHYS 263 or PHYS 273 or PHYS 301; and MATH 240.* — **3 credits**

0101 (42947) MWF..... 9:00am- 9:50am (PHY 0405) — Williams, E.

PHYS420 — **Principles of Modern Physics; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course.** *Prerequisite: PHYS 263 or PHYS 273 or PHYS 301, and MATH 241. Credit will be granted for only one of the following: PHYS 420 or PHYS 421.* — **3 credits**

0101 (42957) MW..... 4:00pm- 5:15pm (PHY 1412) — Chang, C.
0102 (42958) TuTh..... 2:00pm- 3:15pm (PHY 1410) — Griem, H.

PHYS421 — **Introduction to Modern Physics; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course.** *Prerequisite: PHYS 263 or PHYS 273 or PHYS 301, and MATH 241, including some knowledge of ordinary equations. Credit will be granted for only one of the following: PHYS 420 or PHYS 421.* — **3 credits**

0101 (42968) MWF..... 9:00am- 9:50am (PHY 1219) — Lobb, C.

PHYS422 — **Modern Physics; Grade Method: REG/P-F/AUD.** *Prerequisite: PHYS 421.* — **4 credits**

0101 (42978) MF.....10:00am-10:50am (PHY 0405) — Liu, C.
W.....10:00am-11:45am (PHY 0405)

PHYS429 — **Atomic and Nuclear Physics Laboratory; Grade Method: REG/AUD.** Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of the section for which they registered. Physics majors only. — **3 credits**

0101 (42988) M..... 1:00pm- 6:00pm (PHY 3112) — STAFF
0201 (42989) Th.....12:00pm- 5:00pm (PHY 3112) — STAFF

PHYS431 — **Properties of Matter; Grade Method: REG/P-F/AUD.** *Prerequisite: PHYS 301, or PHYS 410 or PHYS 411; and PHYS 420 or PHYS 421.* — **3 credits**

0101 (42999) MF.....11:00am-12:15pm (PHY 1221) — Wellstood, F.

PHYS498A (PermReq) — **Special Problems in Physics: Individual Problems with Laboratory; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — **1-16 credits**

PHYS498B (PermReq) — **Special Problems in Physics: Individual Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — **1-16 credits**

PHYS498D — **Special Problems in Physics: Particles and the Universe--From the Very Large to the Very Small; Grade Method: REG/P-F/AUD.** — **3 credits**

0101 (43280) TuTh.....11:00am-12:15pm (PHY 1221) — Pati, J.

PHYS504 (PermReq) — **Optics for the Middle School; Grade Method: S-F.** *Prerequisite: current status as a middle school science teacher or permission of instructor.* — **1 credit**

0101 (43290) Sa..... 8:30am-12:30pm (PHY 1412) — Berg, R.

PHYS601 — **Theoretical Dynamics; Grade Method: REG/AUD.** *Prerequisite: PHYS 410 or equivalent.* — **3 credits**

0101 (43300) MWF..... 2:00pm- 2:50pm (PHY 0405) Dorfman, J.

PHYS804 **Methods of Mathematical Physics; Grade Method: REG/AUD.** *Prerequisites: advanced calculus; and PHYS 410; and PHYS 411 ; or equivalent.* 3 credits
0101 (43310) TuTh.....11:00am-12:15pm (PHY 1219) Hassam, A.
0201 (43311) MWF.....10:00am-10:50am (PHY 4220) Das Sarma, S.

PHYS806 **Electrodynamics; Grade Method: REG/AUD.** *Prerequisite: PHYS 604 or equivalent.* 4 credits
0101 (43321) TuTh..... 9:00am-10:50am (PHY 1221) Antonsen, T.

PHYS807 **Advanced Classical Physics; Grade Method: REG/AUD.** *Prerequisite: PHYS 606.* 3 credits
0101 (43331) MW..... 4:00pm- 5:15pm (PHY 4208) Gluckstern, R.

PHYS821 **Graduate Laboratory; Grade Method: REG/AUD.** All labs will extend 1 hour beyond those listed below. Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of the section for which they are registered. 3 credits
0101 (43341) M..... 1:00pm- 6:00pm (PHY 3112) Lab Zorn, G.
0201 (43342) Th.....12:00pm- 5:00pm (PHY 3112) Lab Gammon, R.

PHYS822 **Introduction to Quantum Mechanics I; Grade Method: REG/AUD.** *Prerequisite: an outstanding undergraduate background in physics.* 4 credits
0101 (43352) M.....11:00am-12:45pm (PHY 1219) Banerjee, M.
WF.....11:00am-11:50am (PHY 1219)
0201 (43353) MW..... 3:00pm- 4:50pm (PHY 0405) STAFF

PHYS823 **Introduction to Quantum Mechanics II; Grade Method: REG/AUD.** *Prerequisite: an outstanding undergraduate background in physics* 3 credits
0101 (43363) TuTh..... 2:30pm- 3:45pm (PHY 1219) Fivel, D.

PHYS824 **Advanced Quantum Mechanics; Grade Method: REG/AUD.** *Prerequisite: PHYS 623.* 3 credits
0101 (43373) MWF.....11:00am-11:50am (PHY 4208) Sucher, J.

PHYS875 **Introduction to Relativity, Gravitation and Cosmology; Grade Method: REG/AUD.** *Prerequisites: PHYS 601 and PHYS 606* 3 credits
0101 (43383) TuTh..... 9:30am-10:50am (PHY 4208) Jacobson, T.

PHYS709 **Seminar in General Physics: Statistical Physics Seminar; Grade Method: REG/AUD.** 1 credit
0101 (43393) Tu..... 1:15pm- 2:30pm (IPT 1116) Fisher, M.

PHYS719 **Seminar in General Physics: Accelerator Theory and Dynamical Systems; Grade Method: REG/AUD.** 1 credit
0101 (43403) W..... 2:00pm- 2:50pm (PHY 1221) Gluckstern, R.

PHYS731 **Solid State Physics: Survey; Grade Method: REG/AUD.** 3 credits
0101 (43413) TuTh.....11:00am-12:20pm (PHY 4208) Prange, R.

PHYS738 **Seminar in Experimental Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD.** 1 credit
0101 (43423) Th..... 2:30pm- 4:00pm (PHY 0405) Williams, E.

PHYS739 **Seminar in Theoretical Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD.** 1 credit
0101 (43433) Th..... 2:30pm- 4:00pm (PHY 0405) Williams, E.

PHYS741 **Nuclear Physics: Survey; Grade Method: REG/AUD.** *Prerequisites PHYS 622, and PHYS 623* 3 credits
0101 (43443) TuTh..... 1:00pm- 2:15pm (PHY 1219) Chant, N.

PHYS748 **Seminar in Experimental Nuclear Physics; Grade Method: REG/AUD.** 1 credit
0101 (43453) M..... 4:00pm- 5:30pm (PHY 1304) Chant, N.

PHYS749 **Seminar in Theoretical Nuclear Physics; Grade Method: REG/AUD.** 1 credit
0101 (43463) W..... 2:00pm- 2:50pm (PHY 1304) Banerjee, M.

PHYS751 **Elementary Particle Physics I: Survey; Grade Method: REG/AUD.** *Corequisite: PHYS 624.* 3 credits
0101 (43473) TuTh..... 2:30pm- 3:45pm (PHY 4220) Jawahery, A.

PHYS758 **Seminar in Elementary Particles and Quantum Field Theory: High Energy Physics; Grade Method: REG/AUD.** 1 credit
0101 (43483) W..... 3:00pm- 4:30pm (PHY 4220) Jawahery, A.

PHYS759 **Seminar in Elementary Particles and Quantum Field Theory; Grade Method: REG/AUD.** 1 credit
0101 (43493) M..... 3:00pm- 4:50pm (PHY 4102) Sucher, J.

PHYS761 **Plasma Physics I: Survey; Grade Method: REG/AUD.** *Prerequisites: PHYS 604, and PHYS 606* 3 credits
0101 (43503) TuTh.....12:30pm- 1:45pm (PHY 1402) STAFF

PHYS769 **Seminar in Plasma Physics; Grade Method: REG/AUD. Class will meet in LPF 1207.** 1 credit
0101 (43513) M..... 1:30pm- 2:20pm (Arranged) Hassam, A.

PHYS778 **Seminar in Space and Cosmic Ray Physics: High Energy Astrophysics; Grade Method: REG/AUD.** 1 credit
0101 (43523) M..... 4:15pm- 6:00pm (CSS 1113) Gloeckler, G.

PHYS779A **Seminar in General Relativity: Theoretical General Relativity; Grade Method: REG/AUD.** 1 credit
0101 (43533) F..... 1:30pm- 3:30pm (PHY 4102) Jacobson, T.

PHYS779B **Seminar in General Relativity: Experimental General Relativity; Grade Method: REG/AUD.** 1 credit
0101 (43543) Th..... 2:00pm- 3:50pm (PHY 1126) Paik, H.

PHYS798 (PermReq) **Special Problems in Advanced Physics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** 3 credits

PHYS798B **Special Problems in Advanced Physics: Physics Colloquium; Grade Method: REG/AUD.** 1 credit
0101 (43689) Tu..... 4:00pm- 4:50pm (PHY 1410) Bardasis, A.

PHYS799 **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-6 credits

PHYS838C **Special Topics in Experimental Solid State Physics: Superconductivity Seminar; Grade Method: REG/AUD.** 1 credit
0101 (43834) W.....12:00pm- 1:15pm (PHY 1219) Greene, R.

PHYS899 **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-8 credits

Physics Colloquium meets TU 4-5.30 in PHY 1410 and PHY 1412. Physics Journal Club meets Th 4-5.30 in PHY 1410.

PORT Portuguese (Arts and Humanities)

PORT101 **Elementary Portuguese; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course.** 4 credits
0101 (44029) Tu.....11:00am-11:50am (JMZ 2120) STAFF
MWF.....11:00am-11:50am (JMZ 1117)

PORT102 **Elementary Portuguese; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course.** *Prerequisite: PORT 101.* 4 credits
0101 (44039) MWF.....12:00pm-12:50pm (HBK 1112) STAFF
Tu.....12:00pm-12:50pm (HBK 1112)

PORT203 **Intermediate Portuguese; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course.** *Prerequisite: PORT 102.* 4 credits
0101 (44049) Tu.....12:00pm-12:50pm (JMZ 1117) Butler, P.
MWF.....12:00pm-12:50pm (JMZ 1109)

PORT221 **Introduction to Brazilian Literature; Grade Method: REG/P-F/AUD.** *Prerequisite: PORT 203.* 3 credits
0101 (44059) MWF.....11:00am-11:50am (JMZ 1125) Igel, R.

PORT322 **African Literature of Portuguese Expression; Grade Method: REG/P-F/AUD.** *Prerequisite: PORT 203. Recommended: PORT 205 and PORT 225.* 3 credits
0101 (44079) MWF..... 1:00pm- 1:50pm (JMZ 0122) Butler, P.

PORT388 (PermReq) **Experiential Learning; Grade Method: REG/P-F.** *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 6 credits
0101 (44089) Time and room to be arranged Igel, R.

PORT399 (PermReq) **Independent Study in Portuguese; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** 1-5 credits

PORT478C **Themes and Movements of Luso-Brazilian Literature in Translation: Women as Authors and Characters in Brazilian Fiction; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course.** 3 credits
0101 (44101) MWF.....10:00am-10:50am (JMZ 1215) Igel, R.

PSYC Psychology (Behavioral and Social Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

PSYC100 **Introduction to Psychology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. Discussion sections do not meet until after first lecture.** 3 credits
0110 (44151) MW.....10:00am-10:50am (ZOP 1250) STAFF
M.....11:00am-11:50am (ZOP 1228) Dis
0111 (44152) MW.....10:00am-10:50am (ZOP 1250) STAFF
M.....12:00pm-12:50pm (ZOP 1228) Dis
0112 (44153) MW.....10:00am-10:50am (ZOP 1250) STAFF
M..... 1:00pm- 1:50pm (ZOP 1228) Dis
0113 (44154) MW.....10:00am-10:50am (ZOP 1250) STAFF
M..... 2:00pm- 2:50pm (ZOP 1228) Dis
0115 (44156) MW.....10:00am-10:50am (ZOP 1250) STAFF
W.....11:00am-11:50am (ZOP 1228) Dis
0220 (44157) MW..... 2:00pm- 2:50pm (ZOP 1250) Ladany, N.
Tu..... 9:00am- 9:50am (ZOP 1228) Dis
0221 (44158) MW..... 2:00pm- 2:50pm (ZOP 1250) Ladany, N.
Tu.....10:00am-10:50am (ZOP 1228) Dis
0222 (44159) MW..... 2:00pm- 2:50pm (ZOP 1250) Ladany, N.
Tu.....11:00am-11:50am (ZOP 1232) Dis
0223 (44160) MW..... 2:00pm- 2:50pm (ZOP 1250) Ladany, N.
Tu.....12:00pm-12:50pm (ZOP 1232) Dis
0224 (44161) MW..... 2:00pm- 2:50pm (ZOP 1250) Ladany, N.
Tu..... 1:00pm- 1:50pm (ZOP 1228) Dis
0330 (44163) TuTh.....12:00pm-12:50pm (ZOP 1250) Martin, J.
W..... 9:00am- 9:50am (ZOP 1228) Dis
0331 (44164) TuTh.....12:00pm-12:50pm (ZOP 1250) Martin, J.
W.....10:00am-10:50am (ZOP 1228) Dis
0332 (44165) TuTh.....12:00pm-12:50pm (ZOP 1250) Martin, J.
W.....12:00pm-12:50pm (ZOP 1228) Dis
0333 (44166) TuTh.....12:00pm-12:50pm (ZOP 1250) Martin, J.
W..... 1:00pm- 1:50pm (ZOP 1228) Dis
0334 (44167) TuTh.....12:00pm-12:50pm (ZOP 1250) Martin, J.
W..... 2:00pm- 2:50pm (ZOP 1228) Dis
0335 (44168) TuTh.....12:00pm-12:50pm (ZOP 1250) Martin, J.
W..... 3:00pm- 3:50pm (ZOP 1228) Dis
0440 (44169) TuTh..... 2:00pm- 2:50pm (ZOP 1250) Martin, J.
Th..... 9:00am- 9:50am (ZOP 1228) Dis
0443 (44172) TuTh..... 2:00pm- 2:50pm (ZOP 1250) Martin, J.
Th.....12:00pm-12:50pm (ZOP 1232) Dis
0444 (44173) TuTh..... 2:00pm- 2:50pm (ZOP 1250) Martin, J.
F..... 9:00am- 9:50am (ZOP 1228) Dis
0445 (44174) TuTh..... 2:00pm- 2:50pm (ZOP 1250) Martin, J.
F.....10:00am-10:50am (ZOP 1228) Dis
0550 (44175) MW.....12:00pm-12:50pm (ZOP 1250) STAFF
M..... 1:00pm- 1:50pm (ZOP 1232) Dis
0551 (44176) MW.....12:00pm-12:50pm (ZOP 1250) STAFF
M..... 2:00pm- 2:50pm (ZOP 1232) Dis
0552 (44177) MW.....12:00pm-12:50pm (ZOP 1250) STAFF
M..... 3:00pm- 3:50pm (ZOP 1232) Dis
0553 (44178) MW.....12:00pm-12:50pm (ZOP 1250) STAFF
Tu.....11:00am-11:50am (ZOP 1124) Dis
0554 (44179) MW.....12:00pm-12:50pm (ZOP 1250) STAFF
Tu.....12:00pm-12:50pm (ZOP 1124) Dis
0555 (44180) MW.....12:00pm-12:50pm (ZOP 1250) STAFF
Tu..... 1:00pm- 1:50pm (ZOP 1232) Dis

PSYC100H (PermReq) **Introduction to Psychology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. Honors. Permission may be obtained in the General Honors Program Office (0110 Hornbake) or in ZOP 1141.** 3 credits
0101 (44190) MWF..... 1:00pm- 1:50pm (ZOP 1124) Brauth, S.
0301 (44191) TuTh.....12:30pm- 1:45pm (ZOP 2283) Sternheim, C.

PSYC200 (PermReq) **Statistical Methods in Psychology; Grade Method: REG/P-F/AUD.** *Prerequisite: PSYC 100, and MATH 111 or MATH 140 or MATH 220* 3 credits
0101 (44212) MWF..... 9:00am- 9:50am (ZOP 1236) Larkin, W.
0201 (44213) MWF.....11:00am-11:50am (ZOP 1238) Larkin, W.
0301 (44214) MWF..... 2:00pm- 2:50pm (ZOP 1238) Norman, K.
0401 (44215) TuTh..... 9:30am-10:45am (ZOP 1236) Penner, M.
0501 (44216) TuTh.....12:30pm- 1:45pm (ZOP 1238) Penner, M.

PSYC221 **Social Psychology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** *Prerequisite: PSYC 100* 3 credits
0110 (44226) MW..... 1:00pm- 1:50pm (ZOP 1240) Aspinwall, L.
W..... 2:00pm- 2:50pm (ZOP 1234) Dis
0111 (44227) MW..... 1:00pm- 1:50pm (ZOP 1240) Aspinwall, L.
W..... 3:00pm- 3:50pm (ZOP 1234) Dis
0112 (44228) MW..... 1:00pm- 1:50pm (ZOP 1240) Aspinwall, L.
Th..... 1:00pm- 1:50pm (ZOP 1234) Dis
0113 (44229) MW..... 1:00pm- 1:50pm (ZOP 1240) Aspinwall, L.
Th..... 2:00pm- 2:50pm (ZOP 1234) Dis
0114 (44230) MW..... 1:00pm- 1:50pm (ZOP 1240) Aspinwall, L.
Th..... 3:00pm- 3:50pm (ZOP 1234) Dis
0115 (44231) MW..... 1:00pm- 1:50pm (ZOP 1240) Aspinwall, L.
F.....10:00am-10:50am (ZOP 1234) Dis
0116 (44232) MW..... 1:00pm- 1:50pm (ZOP 1240) Aspinwall, L.
F.....11:00am-11:50am (ZOP 1234) Dis
0117 (44233) MW..... 1:00pm- 1:50pm (ZOP 1240) Aspinwall, L.
F.....12:00pm-12:50pm (ZOP 1234) Dis
0118 (44234) MW..... 1:00pm- 1:50pm (ZOP 1240) Aspinwall, L.
F..... 1:00pm- 1:50pm (ZOP 1234) Dis
0119 (44235) MW..... 1:00pm- 1:50pm (ZOP 1240) Aspinwall, L.
F..... 2:00pm- 2:50pm (ZOP 1234) Dis

PSYC301 **Biological Basis of Behavior; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: PSYC 100* 3 credits
0101 (44245) MWF..... 8:00am- 8:50am (ZOP 1250) Yager, D.

PSYC310 **Perception; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** *Prerequisite: PSYC 100 or permission of department. Not open to students who have completed PSYC 410* 3 credits
0101 (44255) TuTh..... 9:30am-10:45am (ZOP 1124) Steinman, C.

PSYC310H **Perception; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** *Prerequisite: PSYC 100 or permission of department. Not open to students who have completed PSYC 410* 3 credits
0101 (44265) TuTh..... 2:00pm- 3:15pm (ZOP 1238) Steinman, C.

PSYC334 **Psychology of Interpersonal Relationships; Grade Method: REG/P-F/AUD.** *Prerequisite: PSYC 100.* 3 credits
0101 (44275) TuTh..... 9:30am-10:45am (ZOP 1243) Brown, R.

PSYC336 **Psychology of Women; Grade Method: REG/P-F/AUD.** *Prerequisite: PSYC 100.* 3 credits
0101 (44285) TuTh..... 2:00pm- 3:15pm (ZOP 1243) Helms, J.

PSYC353 **Adult Psychopathology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** *Prerequisite: PSYC 100. Credit will be granted for only one of the following: PSYC 353 and PSYC 331 or PSYC 431.* 3 credits
0101 (44295) TuTh..... 3:30pm- 4:45pm (ZOP 1243) Steele, R.

PSYC355 **Child Psychology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** *Prerequisite: PSYC 100. Not open to students who have completed PSYC 333 or PSYC 433.* 3 credits
0101 (44305) MWF..... 1:00pm- 1:50pm (ZOP 1250) Plude, D.

PSYC357 **Psychology of Adulthood and Aging; Grade Method: REG/P-F/AUD.** *Prerequisite: PSYC 100.* 3 credits
0101 (44315) TuTh.....11:00am-12:15pm (ZOP 1243) Johnson, J.

PSYC361 **Survey of Industrial and Organizational Psychology; Grade Method: REG/P-F/AUD.** *Prerequisite: PSYC 100.* 3 credits
0101 (44325) MWF.....11:00am-11:50am (ZOP 1243) STAFF

PSYC386 (PermReq) **Experiential Learning; Grade Method: REG/P-F.** *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* **Information about the psychology field work program may be obtained in ZOP 1141.** 3-6 credits
0101 (44335) W..... 3:00pm- 5:00pm (ZOP 1124) Coursey, R.
Time and room to be arranged Dis

PSYC400 (PermReq) **Experimental Psychology: Learning and Motivation; Grade Method: REG/P-F/AUD.** *Prerequisites: PSYC 200, completion of the departmentally required English, math and science supporting course sequence, and permission of department.* **Permission may be obtained in ZOP 1141. Department approval required after first week of classes. Waitlist is discontinued after first week of classes.** 4 credits
0101 (44345) TuTh..... 9:30am-10:45am (ZOP 1250) STAFF
MW.....11:00am-11:50am (ZOP 4102) Lab
0102 (44346) TuTh..... 9:30am-10:45am (ZOP 1250) STAFF
MW.....12:00pm-12:50pm (ZOP 4102) Lab
0103 (44347) TuTh..... 9:30am-10:45am (ZOP 1250) STAFF
MW..... 1:00pm- 1:50pm (ZOP 4102) Lab
0104 (44348) TuTh..... 9:30am-10:45am (ZOP 1250) STAFF
TuTh.....11:00am-11:50am (ZOP 4102) Lab
0105 (44349) TuTh..... 9:30am-10:45am (ZOP 1250) STAFF
TuTh.....12:00pm-12:50pm (ZOP 4102) Lab
0106 (44350) TuTh..... 9:30am-10:45am (ZOP 1250) STAFF
TuTh..... 1:00pm- 1:50pm (ZOP 4102) Lab

PSYC403 (PermReq) **Animal Behavior; Grade Method: REG/P-F/AUD.** *Prerequisite: PSYC 206 or PYSC 301.* 3 credits
0101 (44360) MWF.....11:00am-11:50am (ZOP 1124) Hodos, W.

PSYC410 (PermReq) **Experimental Psychology: Sensory Processes I; Grade Method: REG/P-F/AUD.** *Prerequisites: PSYC 200, and completion of the English, math and science supporting course sequence; and permission of department. A student who has completed PSYC 310 must have permission of the instructor in order to register for PSYC 410.* **All others must obtain permission in ZOP 1141. Department approval required after first week of classes. Waitlist is discontinued after first week of classes.** 4 credits
0101 (44370) TuTh..... 9:30am-10:45am (ZOP 2283) Sternheim, C.
F..... 1:00pm- 3:00pm (ZOP 0124) Lab
0102 (44371) TuTh..... 9:30am-10:45am (ZOP 2283) Sternheim, C.
F.....10:00am-12:00pm (ZOP 0124) Lab

PSYC420 (PermReq) **Experimental Psychology: Social Processes I; Grade Method: REG/P-F/AUD.** *Prerequisite: PSYC 200, and PSYC 221, and completion of the departmentally required English, math, and science supporting course sequence, and permission of department.* **Permission may be obtained in ZOP 1141. Department approval is required after first week of classes. Waitlist is discontinued after first week of classes.** 4 credits
0101 (44381) M..... 2:00pm- 4:00pm (ZOP 1243) Sigall, H.
TuTh.....10:00am-12:00pm (ZOP 0147) Lab
0102 (44382) M..... 2:00pm- 4:00pm (ZOP 1243) Sigall, H.
TuTh.....12:00pm- 2:00pm (ZOP 0147) Lab
0103 (44383) M..... 2:00pm- 4:00pm (ZOP 1243) Sigall, H.
TuTh..... 2:00pm- 4:00pm (ZOP 0147) Lab
0104 (44384) M..... 2:00pm- 4:00pm (ZOP 1243) Sigall, H.
WF.....10:00am-12:00pm (ZOP 0147) Lab
0105 (44385) M..... 2:00pm- 4:00pm (ZOP 1243) Sigall, H.
WF.....12:00pm- 2:00pm (ZOP 0147) Lab
0106 (44386) M..... 2:00pm- 4:00pm (ZOP 1243) Sigall, H.
WF..... 2:00pm- 4:00pm (ZOP 0147) Lab

PSYC424 (PermReq) **Communication and Persuasion; Grade Method: REG/P-F/AUD.** *Prerequisites: PSYC 200, and PSYC 221.* 3 credits
0101 (44396) TuTh.....11:00am-12:15pm (ZOP 1236) Mills, J.

PSYC432 (PermReq) **Introduction to Counseling Psychology; Grade Method: REG/P-F/AUD.** *Prerequisite: nine hours in psychology including PSYC 200.* 3 credits
0101 (44406) MWF.....11:00am-11:50am (ZOP 1236) Gelso, C.

PSYC435 **Personality Theories; Grade Method: REG/P-F/AUD.** *Prerequisite: PSYC 100, and PSYC 200 or equivalent.* 3 credits
0101 (44416) MWF.....10:00am-10:50am (ZOP 2283) Alexander, P.

PSYC440 (PermReq) **Experimental Psychology: Cognitive Processes; Grade Method: REG/P-F/AUD.** *Prerequisites: PSYC 100, and PSYC 200 or a statistics course from an approved departmental list, and completion of the departmentally required English, math and science supporting course sequence, and permission of department.* **Department approval required after first week of classes. Waitlist is discontinued after first week of classes.** 4 credits
0101 (44426) MWF.....10:00am-10:50am (ZOP 1236) Plude, D.
M..... 1:00pm- 3:00pm (ZOP 0124) Lab
Time and room to be arranged Dis
0102 (44427) MWF.....10:00am-10:50am (ZOP 1236) Plude, D.
Tu..... 1:00pm- 3:00pm (ZOP 0124) Lab
Time and room to be arranged Dis

PSYC443 (PermReq) **Thinking and Problem Solving; Grade Method: REG/P-F/AUD.** *Prerequisites: PSYC 200, and PSYC 341 or PSYC 440 or permission of department.* 3 credits
0101 (44437) MWF.....11:00am-11:50am (EGR 3140) Norman, K.

PSYC457 (PermReq) **Cultural Context of Psychological Development; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course.** *Prerequisite: PSYC 355, or PSYC 356, or PSYC 357, or permission of department.* 3 credits
0101 (44447) TuTh..... 2:00pm- 3:15pm (ZOP 2283) Johnson, J.

PSYC460 (PermReq) **Psychological Foundations of Personnel Selection and Training; Grade Method: REG/P-F/AUD.** *Prerequisite: PSYC 200 or equivalent.* 3 credits
0101 (44457) MWF..... 1:00pm- 1:50pm (ZOP 2283) STAFF

PSYC468H (PermReq) **Field Experience and Special Assignments in Honors; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZOP 1107.** 1-3 credits

PSYC469H (PermReq) **Honors Thesis Proposal Preparation; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZOP 1107.** 1-3 credits

PSYC478 (PermReq) **Independent Study in Psychology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Information about independent study may be obtained in ZOP 1107.** 1-3 credits

PSYC479 (PermReq) **Special Research Problems in Psychology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Information about research credit may be obtained in ZOP 1107.** 1-3 credits

PSYC489 (PermReq) **Senior Seminar; Grade Method: REG/P-F/AUD.** 3 credits
0101 (44643) M..... 9:00am- 9:50am (ZOP 1232) Yager, D.
M..... 1:00pm- 5:00pm (ZOP 4126) Lab
0102 (44644) M..... 9:00am- 9:50am (ZOP 1232) Yager, D.
Tu..... 1:00pm- 5:00pm (ZOP 4126) Lab

0103 (44645) M..... 9:00am- 9:50am (ZOP 1232) Yager, D.
W..... 1:00pm- 5:00pm (ZOP 4126) Lab
0104 (44646) M..... 9:00am- 9:50am (ZOP 1232) Yager, D.
Th..... 1:00pm- 5:00pm (ZOP 4126) Lab
0105 (44647) M..... 9:00am- 9:50am (ZOP 1232) Yager, D.
F..... 1:00pm- 5:00pm (ZOP 4126) Lab

PSYC498H (PermReq) **Advanced Psychology II (Honors); Grade Method: REG/P-F/AUD.** 3 credits
0101 (44657) W..... 9:00am-12:00pm (ZOP 2109) Trickett, E.

PSYC499H (PermReq) **Honors Thesis Research; Grade Method: REG/P-F/AUD.** Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of the thesis advisor. Permission may be obtained in ZOP 1107. 3 credits

Note: For all non-psychology graduate students, written permission of the instructor is required for all 600 level and above courses.

PSYC601 **Quantitative Methods I; Grade Method: REG/AUD.** *Prerequisite: PSYC 200 or equivalent.* For PSYC majors only. For all non-psychology graduate students, written permission of instructor and department is required. 3 credits
0101 (44710) TuTh..... 9:30am-10:45am (ZOP 1238) Anderson, N.
Th..... 4:30pm- 6:00pm (ZOP 2109) Dis

PSYC611 **Advanced Developmental Psychology; Grade Method: REG/AUD.** For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required. 3 credits
0101 (44720) W..... 3:00pm- 5:30pm (ZOP 1103) Scholnick, E.

PSYC612 **Theories of Personality; Grade Method: REG/AUD.** For all non-psychology graduate students, written permission of the instructor is required. 3 credits
0101 (44730) Th..... 2:00pm- 5:00pm (ZOP 1103) Smith, B.

PSYC619 **Clinical Research Team; Grade Method: REG/AUD.** For PSYC majors only. For all non-psychology graduate students, written permission of instructor and department is required. 2 credits
0101 (44740) W..... 8:30am-11:30am (ZOP 2114B) Lorion, R.

PSYC640 **Fundamentals of Social Psychology; Grade Method: REG/AUD.** For all non-psychology graduate students, written permission of the instructor is required. 3 credits
0101 (44750) Tu..... 3:00pm- 5:30pm (ZOP 3132) Sigall, H.

PSYC660 **Human Biopsychology; Grade Method: REG/AUD.** For all non-psychology graduate students, written permission of the instructor is required. 3 credits
0101 (44760) W..... 9:00am-12:00pm (ZOP 1103) Brauth, S.

PSYC701 **Multivariate Analysis I; Grade Method: REG/AUD.** *Prerequisite: PSYC 602 or permission of department.* For all non-psychology graduate students, written permission of the instructor is required. 3 credits
0101 (44770) Tu.....12:00pm- 3:00pm (ZOP 1103) Ogrady, K.

PSYC718 **Research Issues in Clinical, Counseling, and Community Psychology; Grade Method: REG/AUD.** For all non-psychology graduate students, written permission of the instructor is required. 3 credits
0101 (44780) M..... 1:00pm- 3:30pm (ZOP 1252) Trickett, E.

PSYC719 (PermReq) **Seminar in Clinical, Counseling, and Community Psychology; Grade Method: REG/AUD.** For PSYC majors only. For all non-psychology graduate students, written permission of instructor and department is required. 3 credits
0101 (44790) Tu..... 1:00pm- 4:00pm (ZOP 2114) Brown, R.
0201 (44791) Tu..... 1:00pm- 4:00pm (ZOP 2109) Dies, R.
0301 (44792) W..... 3:00pm- 5:00pm (ZOP 2109) Tyler, F.
Time and room to be arranged Dis
0401 (44793) W..... 1:00pm- 3:30pm (ZOP 2114) Steele, R.
0501 (44794) W..... 1:00pm- 4:00pm (ZOP 2114) Gelso, C.

PSYC721 (PermReq) **Assesment Issues in Clinical/Community Psychology I; Grade Method: REG/AUD.** *Prerequisite: permission of department. Corequisite: PSYC 722.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor is required. 2 credits
0101 (44804) M..... 9:00am-12:00pm (ZOP 1112) Coursey, R.
0201 (44805) Tu.....10:00am-12:00pm (ZOP 1112) Helms, J.

PSYC724 (PermReq) **Assessment Issues in Clinical/Community Psychology II; Grade Method: REG/AUD.** *Prerequisite: permission of department.* For all non-psychology graduate students, written permission of the instructor is required. 2 credits
0101 (44815) M..... 9:00am-11:00am (ZOP 2109) Dies, R.

PSYC726 **Introductory Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD.** For PSYC majors only. For all non-psychology graduate students, written permission of instructor and department is required. 3 credits
0101 (44825) W..... 1:00pm- 3:30pm (ZOP 1112) Alexander, P.

PSYC729 (PermReq) **Advanced Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD.** For PSYC majors only. For all non-psychology graduate students, written permission of instructor and department is required. 3 credits
0101 (44835) M..... 5:00pm- 9:00pm (ZOP 1112) Hill, C.
0401 (44836) Th..... 1:00pm- 3:00pm (ZOP 2114) Hill, C.
Time and room to be arranged Dis

PSYC730 **Introduction to Industrial and Organizational Psychology; Grade Method: REG/AUD.** For PSYC majors only. For all non-psychology graduate students, written permission of instructor and department is required. 3 credits
0101 (44846) M..... 9:30am-12:00pm (ZOP 1103) Schneider, B.

PSYC732 **Selection and Classification Issues in Organizations; Grade Method: REG/AUD.** *Prerequisite: PSYC 730, and PSYC 601 and PSYC 602 or equivalent, or permission of department.* For all non-psychology graduate students, written permission of the instructor is required. 3 credits
0101 (44856) Tu..... 9:30am-12:00pm (ZOP 1103) Henges, P.

PSYC748 **Seminar in Social Psychology; Grade Method: REG/AUD.** For PSYC majors only. For all non-psychology graduate students, written permission of the instructor is required. 3 credits
0101 (44866) M..... 9:30am-12:00pm (ZOP 3132) Mills, J.

PSYC749 **Current Research in Social Psychology; Grade Method: REG/AUD.** For PSYC majors only. For all non-psychology graduate students, written permission of instructor and department is required. 1-3 credits
0101 (44876) M..... 4:00pm- 6:30pm (ZOP 3132) Aspinwall, L.

PSYC762 **Comparative Psychology; Grade Method: REG/AUD.** *Prerequisite: PSYC 661.* For all non-psychology graduate students, written permission of the instructor is required. 3 credits
0101 (44886) Th..... 9:00am-12:00pm (ZOP 1112) Dooling, R.

PSYC799 **Special Research Problems; Grade Method: REG/AUD.** Individual Instruction course: contact department or instructor to obtain section number. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor is required. 1-4 credits

PSYC798 **Graduate Seminar; Grade Method: REG/AUD.** For PSYC majors only. For all non-psychology graduate students, written permission of the instructor is required. 2 credits
0101 (44939) M..... 2:00pm- 5:00pm (ZOP 1112) Gollub, L.
0201 (44940) Time and room to be arranged McIntire, R.

PSYC799 **Master's Thesis Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required. 1-6 credits

PSYC888 **Research Methods in Psychology; Grade Method: REG/AUD.** For all non-psychology graduate students, written permission of the instructor and department is required. 1-3 credits
0101 (44999) Th..... 1:00pm- 3:30pm (Arranged) Hall, W.
0201 (45000) M..... 4:00pm- 5:30pm (ZOP 1103) Guzzo, R.
0301 (45001) W..... 3:30pm- 5:00pm (ZOP 1112) Anderson, N.
0401 (45002) Th..... 8:30am-10:00am (ZOP 2109) Fretz, B.

PSYC899 **Doctoral Dissertation Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required. 1-8 credits

PUAF Public Affairs (Public Affairs)

PUAF601 (PermReq) **Professional Development Seminar; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 1 credit
0101 (45107) W..... 1:30pm- 4:00pm (MPA 1206) Briscoe, E.

PUAF610 (PermReq) **Quantitative Methods in Policy Analysis; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (45118) TuTh.....10:30am-11:55am (MPA 1107) Cohen, M.
Time and room to be arranged Dis
0201 (45119) Tu..... 4:00pm- 6:30pm (MPA 1206) Young, H.
Time and room to be arranged Dis
0301 (45120) TuTh..... 9:00am-10:20am (MPA 1109) Cohen, M.

PUAF620 (PermReq) **Political Analysis; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (45130) TuTh..... 9:00am-10:20am (MPA 1107) Edwards, L.
0301 (45131) TuTh.....10:45am-12:00pm (MPA 1109) Schick, A.

PUAF640 (PermReq) **Microeconomic Theory and Policy Analysis; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (45141) MW.....10:30am-11:55am (MPA 1109) Badgett, M.
Th.....12:30pm- 1:30pm (MPA 1107) Dis
0301 (45142) MW.....10:30am-11:55am (MPA 1107) Burtless, G.

PUAF650 (PermReq) **Normative Analysis; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (45152) M..... 4:00pm- 6:30pm (MPA 1206) Brown, P.

PUAF660 (PermReq) **Policy Workshop; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (45162) Tu..... 1:30pm- 4:00pm (MPA 1206) Schick, A.

PUAF692 (PermReq) **Leadership Principles and Practices; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (45172) W..... 7:00pm- 9:30pm (MPA 1109) Adams, B.

PUAF688E (PermReq) **Selected Topics in Public Affairs: Environmental Ethics; Grade Method: REG/AUD.** 3 credits
0101 (45202) W..... 4:00pm- 6:30pm (MPA 1206) Brown, P.

PUAF688F (PermReq) **Selected Topics in Public Affairs: Land Use; Grade Method: REG/AUD.** 3 credits
0101 (45212) Tu..... 1:30pm- 4:00pm (MPA 1107) Miller, A.

PUAF700 (PermReq) **U.S. Trade: Policy and Politics; Grade Method: REG/AUD.** *Prerequisites: PUAF 620; and PUAF 640, and PUAF 641, and permission of department.* 3 credits
0101 (45232) W..... 4:00pm- 6:30pm (MPA 1109) Destler, I.

PUAF701 (PermReq) **Public Policies Toward Business: Legal Institutions; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (45242) M..... 4:00pm- 6:30pm (MPA 1107) Harter, P.

PUAF705 (PermReq) **U.S. - Japan Relations; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (45252) M..... 1:30pm- 4:00pm (MPA 1109) Destler, I.

PUAF711 (PermReq) **Management Strategies in Public Organizations; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (45262) W..... 4:00pm- 6:30pm (MPA 1107) Nacht, M.

PUAF712 (PermReq) **Analysis of Fiscal Conditions; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (45272) M..... 1:30pm- 4:00pm (MPA 1206) Slater, S.

PUAF715 (PermReq) **Government and Non-Profit Accounting; Grade Method: REG/AUD.** *Prerequisites: permission of department.* 3 credits
0101 (45282) Th..... 7:00pm- 9:30pm (MPA 1107) STAFF

PUAF720 (PermReq) **National Security in the Nuclear Age; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (45292) W..... 1:30pm- 4:00pm (MPA 1107) Daalder, I.

PUAF724 (PermReq) **Defense Policy Analysis: Quantitative Techniques; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (45302) W..... 1:30pm- 4:00pm (MPA 1109) Fetter, S.

PUAF730 (PermReq) **American Living Standards; Grade Method: REG/AUD.** *Prerequisite: permission of department. Also offered as ECON 476.* 3 credits
0101 (45312) M..... 1:30pm- 4:00pm (MPA 1107) Burtless, G.

PUAF732 (PermReq) **Welfare, Health Care and Affirmative Action; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (45322) Tu..... 4:00pm- 6:30pm (MPA 1107) Besharov, D.

PUAF733 (PermReq) **Family Policy; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (45332) M..... 4:00pm- 6:30pm (MPA 1109) Edwards, L.

PUAF741 (PermReq) **Global Environmental Problems; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (45352) Tu..... 4:00pm- 6:30pm (MPA 1109) Leshof, D.

PUAF752 (PermReq) **Tactics and Principles of Negotiation; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (45372) Tu..... 1:30pm- 4:00pm (MPA 1109) Young, H.

PUAF790 (PermReq) **Project Course; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (45382) Time and room to be arranged Fetter, S.
0201 (45383) Time and room to be arranged Badgett, M.
0301 (45384) Time and room to be arranged Rogers, J.
0401 (45385) Time and room to be arranged Brown, P.
0501 (45386) Time and room to be arranged Schelling, T.

PUAF798B (PermReq) **Readings in Public Policy; Grade Method: REG/AUD.** Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PUAF798R (PermReq) **Readings in Public Policy: Research Methods and Public Policy; Grade Method: REG/AUD.** PHD candidates or department permission. 1-3 credits
0101 (45408) M.....12:00pm- 2:00pm (Arranged) Young, H.

Time and room to be arranged Dis

PUAF899 (PermReq) **Doctoral Dissertation Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

RECR Recreation (Health and Human Performance)

RECR271 **Implications of Disabling Conditions For Therapeutic Recreation; Grade Method: REG/P-F/AUD.** 3 credits
0101 (45479) TuTh..... 9:30am-10:45am (HHP 0301) Annand, V.

RECR341 (PermReq) **Field Work II; Grade Method: REG.** *Prerequisites: RECR 300; and permission of department.* 6 credits
0101 (45489) Tu..... 5:30pm- 7:00pm (HHP 0306) Lab Iso-Ahola, S.
Time and room to be arranged Lab

RECR432 **Philosophy of Recreation; Grade Method: REG/P-F/AUD.** At least 56 hours earned. 3 credits
0101 (45499) M..... 4:00pm- 6:30pm (HHP 1302) Churchill, J.

RECR460 **Leadership Techniques and Practices; Grade Method: REG/P-F/AUD.** *Prerequisite: RECR 130.* At least 56 credits earned. 3 credits
0101 (45509) TuTh..... 2:00pm- 3:15pm (HHP 0302) Cunningham, M.

RECR488 (PermReq) **Field Laboratory Projects and Workshop; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. 1-6 credits

RECR490 **Organization and Administration of Recreation; Grade Method: REG/P-F/AUD.** At least 56 credits earned. 3 credits
0101 (45523) W..... 4:00pm- 6:30pm (HHP 0305) Churchill, J.

RECR493 **Tourism and Commercial Leisure Services; Grade Method: REG/P-F/AUD.** 3 credits
0101 (45533) W..... 7:00pm- 9:30pm (HHP 1302) Peckins, S.

RECR498Y **Special Topics in Recreation: Computer Applications in Leisure Services; Grade Method: REG/P-F/AUD.** 3 credits
0101 (45543) M..... 7:00pm- 9:30pm (HHP 1304) Drogin, E.

RECR688 (PermReq) **Special Problems in Recreation; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. Graduate students only. Must have consent of instructor prior to registration. 1-6 credits

RECR688D **Special Problems in Recreation: Applied Research; Grade Method: REG.** 1 credit
0101 (45558) W..... 7:00pm- 9:30pm (HHP 0302) Drogin, E.

RECR688V **Special Problems in Recreation: Advanced Practice in Therapeutic Recreation; Grade Method: REG.** 3 credits
0101 (45568) Tu..... 4:15pm- 6:45pm (HHP 1303) Annand, V.

RECR690 **Administrative Direction of Recreation; Grade Method: REG/AUD.** 3 credits
0101 (45578) Tu..... 7:00pm- 9:30pm (HHP 0305) Patrick, G.

RECR799 **Master's Thesis Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

RECR899 **Doctoral Dissertation Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

RTVF Radio Television and Film (Arts and Humanities)

PRIOR TO REGISTERING FOR FALL 1995

ALL RTVF MAJORS MUST MEET WITH EITHER

DR. WEISS OR DR. KIRKLEY TO COMPLETE

DEPARTMENT CLEARANCE FORMS DUE TO

THE SPRING 1994 PHASE-OUT.

RTVF304 (PermReq) **Film Production I; Grade Method: REG/P-F/AUD.** *Prerequisites: RTVF 212 and RTVF 213 and RTVF 214 with a grade of C or better in each. For RTVF majors only. Credit will be granted for only one of the following: RTVF 304 or RTVF 356. Formerly RTVF 356.* Permission of Department. 3 credits
0101 (45647) TuTh.....11:00am-12:15pm (TWS 2218) Weiss, G.

RTVF321 **Close Analysis of Media; Grade Method: REG/P-F/AUD.** *Prerequisites: RTVF 212, and RTVF 213, and RTVF 214 with a grade of C or better in each. For RTVF majors only.* 3 credits
0101 (45657) TuTh..... 9:30am-10:45am (TWS 0147) Mashon, K.

RTVF342 **The History of Broadcasting; Grade Method: REG/P-F/AUD.** *Prerequisites: RTVF 212, and RTVF 213, and RTVF 214 with a grade of C or better in each. For RTVF majors only.* 3 credits
0101 (45667) MWF.....10:00am-10:50am (TWS 0147) Kirkley, D.

RTVF343 **Media Economics; Grade Method: REG/P-F/AUD.** *Prerequisites: RTVF 212, and RTVF 213, and RTVF 214 with a grade of C or better in each. For RTVF majors only. Credit will be granted for only one of the following: RTVF 343 or RTVF 457. Formerly RTVF 457.* 3 credits
0101 (45677) MW.....12:30pm- 1:45pm (JRN 1104) Gomery, D.

RTVF384 (PermReq) **Field Work Experience; Grade Method: S-F.** Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department and 18 RTVF credits and 2.8 GPA. Corequisite: RTVF 385 at same credit level.* Senior standing. For RTVF majors only. Applications must be approved prior to registration. Grading satisfactory/fail only. 1-3 credits

RTVF385 (PermReq) **Field Work Analysis; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department and 18 RTVF credits and 2.8 GPA. Corequisite: RTVF 384 at the same credit level.* Senior standing. For RTVF majors only. Applications must be approved prior to registration. 1-3 credits

RTVF405 (PermReq) **Film Production II, Cinematography; Grade Method: REG/P-F/AUD.** *Prerequisites: RTVF 304 and permission of department. For RTVF majors only. Credit will be granted for only one of the following: RTVF 405 or RTVF 357. Formerly RTVF 357.* 3 credits
0101 (45694) TuTh.....11:00am-12:15pm (TWS 2218) Weiss, G.

RTVF406 (PermReq) **Film Production III, Synchronized Sound Film Systems; Grade Method: REG/P-F/AUD.** *Prerequisite: RTVF 405 and permission of department. For RTVF majors only. Credit will be granted for only one of the following: RTVF 406 or RTVF 466. Formerly RTVF 466.* 3 credits
0101 (45704) TuTh.....11:00am-12:15pm (TWS 2218) Weiss, G.

RTVF407 (PermReq) **Television Workshop; Grade Method: REG/P-F/AUD.** *Prerequisite: permission of department. For RTVF majors only. Formerly RTVF 449.* 3 credits

0101 (45714) MW.....12:00pm- 2:00pm (TWS 2250) Bello, A.

RTVF417 (PermReq) **Screenwriting for TV and Film I; Grade Method: REG/P-F/AUD.** *Prerequisites: RTVF 317; and permission of department.* Majors only. — 3 credits
0101 (45724) TuTh.....11:00am-12:15pm (TWS 2250) Coustaut, C.

RTVF426 (PermReq) **Gender Roles and Media; Grade Method: REG/P-F/AUD.** *Prerequisite: RTVF 321 or RTVF 327.* — 3 credits
0101 (45734) MWF.....12:00pm-12:50pm (TWS 0147) Parks, S.

RTVF427 (PermReq) **Screenwriting for TV and Film II; Grade Method: REG/P-F/AUD.** *Prerequisites: RTVF 417 and permission of department. For RTVF majors only.* — 3 credits
0101 (45744) MW..... 1:00pm- 3:00pm (TWS 0138) Blum, R.

RTVF432 **Structure and Criticism of Television Advertising; Grade Method: REG/P-F/AUD.** *Prerequisites: RTVF 317, and (RTVF 321 or RTVF 342). For RTVF majors only. Credit will be granted for only one of the following: RTVF 432 or RTVF 456. Formerly RTVF 456.* — 3 credits
0101 (45754) TuTh..... 2:00pm- 3:15pm (TWS 0147) Robinson, E.

RTVF443 (PermReq) **Television and Children; Grade Method: REG/P-F/AUD.** *Prerequisite: RTVF 321 or RTVF 327 or RTVF 342 or RTVF 343. For RTVF majors only. Credit will be granted for only one of the following: RTVF 443 or RTVF 333. Formerly RTVF 333.* — 3 credits
0101 (45764) MWF..... 2:00pm- 2:50pm (TWS 0147) Parks, S.

RTVF445 **Television and Politics; Grade Method: REG/P-F/AUD.** *Prerequisite: RTVF 321 or RTVF 327 or RTVF 342. For RTVF majors only. Credit will be granted for only one of the following: RTVF 445 or RTVF 425. Formerly RTVF 425.* — 3 credits
0101 (45774) MW..... 2:00pm- 3:15pm (JRN 1104) Ferguson, M.

RTVF450 **Radio and Television Station Management; Grade Method: REG/P-F/AUD.** *Prerequisite: RTVF 342 or RTVF 343. For RTVF majors only* — 3 credits
0101 (45784) MWF.....11:00am-11:50am (TWS 0135) Kirkley, D.

RTVF462 **African American Women Filmmakers; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course.** *Prerequisite: RTVF 321 or RTVF 363 for RTVF majors; or RTVF 314 or ENGL 245 for other majors.* — 3 credits
0101 (45794) TuTh..... 2:00pm- 4:00pm (TWS 2154) Coustaut, C.

RTVF464 **Contemporary American Cinema; Grade Method: REG/P-F/AUD.** *Prerequisite: RTVF 321 or RTVF 363 for RTVF majors; or RTVF 314 or ENGL 245 for other majors. Credit will be granted for only one of the following: RTVF 467 or RTVF 414. Formerly RTVF 414.* — 3 credits
0101 (45804) TuTh.....11:00am- 1:00pm (TWS 2154) Robinson, E.

RTVF469 **Film Genres: Literature and Film as Weapons; Grade Method: REG/P-F/AUD.** — 3 credits
0101 (45814) Tu..... 2:00pm- 5:00pm (SCP 2121) Fuegi, J.

RTVF498A **Seminar: Asian Cinemas and Popular Arts; Grade Method: REG/P-F/AUD.** — 3 credits
0101 (45824) MW.....11:00am-12:30pm (MMH 0108) Marchetti, G.

RTVF498B **Seminar: Film (Opera) / Opera (Film); Grade Method: REG/P-F/AUD.** — 3 credits
0101 (45834) Th..... 5:30pm- 6:00pm (SCP 2120) Lifton, M.

RTVF499 **Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

RTVF817 (PermReq) **Screenwriting I; Grade Method: REG/AUD.** *Prerequisite: permission of instructor.* — 3 credits
0101 (45858) TuTh.....11:00am-12:15pm (TWS 2250) Coustaut, C.

RTVF827 (PermReq) **Screenwriting II; Grade Method: REG/AUD.** *Prerequisites: RTVF 817 or equivalent, and permission of instructor* — 3 credits
0101 (45868) MW..... 1:00pm- 5:00pm (TWS 0138) Blum, R.

RTVF899 (PermReq) **Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Warrants must be approved prior to registration. Majors only.** — 1-3 credits

RTVF799 **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

RTVF888 **Doctoral Practicum; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 3-8 credits

RTVF889 **Doctoral Tutorial: Doctoral Tutorial in Radio Television Film; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 3-8 credits

RTVF899 **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-8 credits

RUSS Russian (Arts and Humanities)

RUSS101 **Elementary Russian I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course.** *Not open to native speakers of Russian* Course chairman: C. Martin. — 5 credits
0101 (45996) MWF.....10:00am-10:50am (JMZ 2206) STAFF
TuTh..... 9:30am-10:45am (JMZ 1104)
0201 (45997) MWF.....11:00am-11:50am (JMZ 2102) STAFF
TuTh..... 9:30am-10:45am (ARM 0102)
0301 (45998) MWF.....12:00pm-12:50pm (ARM 0101) STAFF
TuTh.....11:00am-12:15pm (ARM 0101)
0401 (45999) MWF..... 1:00pm- 1:50pm (JMZ 3203) STAFF
TuTh.....11:00am-12:15pm (JMZ 3203)
0501 (46000) MWF..... 2:00pm- 2:50pm (JMZ 1109) STAFF
TuTh.....12:30pm- 1:45pm (JMZ 1109)

RUSS201 **Intermediate Russian I; Grade Method: REG/P-F/AUD.** *Prerequisite: RUSS 102. Not open to native speakers of Russian* — 4 credits
0101 (46010) MWF.....10:00am-10:50am (ARM 0102) STAFF
TuTh.....10:00am-10:50am (JMZ 1122)
0201 (46011) MWF.....11:00am-11:50am (JMZ 3205) STAFF
TuTh.....11:00am-11:50am (JMZ 3205)
0301 (46012) MWF.....12:00pm-12:50pm (JMZ 3205) STAFF
Tu.....12:00pm-12:50pm (JMZ 3205)
Th.....12:00pm-12:50pm (JMZ 3205)

RUSS211 **Applied Russian Phonetics; Grade Method: REG/P-F/AUD.** *Prerequisite: RUSS 102. Not open to native speakers of Russian.* — 3 credits
0101 (46022) MWF.....12:00pm-12:50pm (COL 3112) Glad, J.

RUSS281 **Russian Language and Pre-Revolutionary Culture; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A: Cultural and Historical Course.** *Not open to native speakers of Russian* — 3 credits
0101 (46032) TuTh..... 2:00pm- 3:15pm (JMZ 3205) Berry, T.

RUSS301 **Advanced Russian Grammar and Composition I; Grade Method: REG/AUD.** *Prerequisite: RUSS 202 or equivalent.* — 3 credits
0101 (46042) MWF.....10:00am-10:50am (ARM 0110) Lekic, M.

RUSS303 **Russian Conversation: Functional Skills; Grade Method: REG/P-F/AUD.** *Prerequisite: RUSS 202 or equivalent.* — 3 credits
0101 (46052) TuTh..... 9:30am-10:45am (JMZ 3203) Lekic, M.

RUSS321 **Survey of Russian Literature I; Grade Method: REG/P-F/AUD.** *Prerequisite: RUSS 202 or equivalent.* Course will be taught in Russian. — 3 credits
0101 (46062) MWF..... 1:00pm- 1:50pm (JMZ 2102) Glad, J.

RUSS328A **19th Century Russian Literature in Translation: From Pushkin to Dostoevsky; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course.** — 3 credits
0101 (46072) TuTh.....12:30pm- 1:45pm (JMZ 3203) Berry, T.

RUSS381 **Russian Civilization (in Russian) I; Grade Method: REG/P-F/AUD. Prerequisite: RUSS 202** — 3 credits
0101 (46082) TuTh..... 2:00pm- 3:15pm (JMZ 0105) Hitchcock, D.

RUSS386 (PermReq) **Experiential Learning; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours* — 3-6 credits

RUSS401 **Advanced Russian Composition; Grade Method: REG/P-F/AUD.** *Prerequisite: RUSS 302* — 3 credits
0101 (46099) MWF.....11:00am-11:50am (TWS 2228) STAFF

RUSS403 **Russian Conversation: Advanced Skills; Grade Method: REG/P-F/AUD.** *Prerequisite: RUSS 303 or equivalent.* — 3 credits
0101 (46109) TuTh..... 3:30pm- 4:45pm (JMZ 3205) Lekic, M.

RUSS405 **Russian-English Translation I; Grade Method: REG/P-F/AUD.** *Pre- or corequisite: RUSS 302 or equivalent* — 3 credits
0101 (46119) MWF..... 3:00pm- 3:50pm (JMZ 3203) Glad, J.

RUSS411 **Linguistic Analysis of Russian I; Grade Method: REG/P-F/AUD.** *Prerequisites: RUSS 210; and LING 200 Pre- or corequisite: RUSS 301* — 3 credits
0101 (46129) TuTh..... 9:30am-10:45am (JMZ 1123) Brecht, R.

RUSS431 **Russian Literature of the 19th Century I; Grade Method: REG/P-F/AUD.** — 3 credits
0101 (46139) TuTh.....11:00am-12:15pm (JMZ 1120) Berry, T.

RUSS433 **Russian Literature of the 20th Century; Grade Method: REG/P-F/AUD.** — 3 credits
0101 (46149) MWF..... 2:00pm- 2:50pm (JMZ 3203) STAFF

RUSS810 **Proseminar in Russian Linguistic Analysis; Grade Method: REG/AUD.** *Prerequisite: RUSS 412 or permission of department.* — 3 credits
0101 (46159) W..... 4:00pm- 6:30pm (JMZ 3205) Martin, C.

RUSS811 **Problems in Russian Phonology and Morphology; Grade Method: REG/AUD.** *Prerequisite: RUSS 411 or permission of department. Corequisite: RUSS 810* — 3 credits
0101 (46169) M..... 5:00pm- 7:30pm (JMZ 1226) Brecht, R.

RUSS788 (PermReq) **Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

0101- Berry, Thomas: 0201- Brecht, Richard: 0301- Glad, John: 0401- Hitchcock, Donald: 0501- Lekic, Maria: 0601- Martin, Cynthia, 0701- Ogorodnikova, Kira.

RUSS798M **Independent Study; Grade Method: REG/AUD.** — 3 credits
0101 (46187) Tu..... 4:00pm- 6:30pm (JMZ 0122) Ogorodnikova, K

RUSS799 **Thesis Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

SLAV Slavic (Arts and Humanities)

SLAV479 (PermReq) **Selected Topics in Slavic Linguistics; Grade Method: REG/P-F/AUD.** — 3 credits
0101 (46254) TuTh.....12:30pm- 1:45pm (JMZ 1211) Hitchcock, D.

SLAV499 **Directed Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

SOCY Sociology (Behavioral and Social Sciences)

SOCY100 **Introduction to Sociology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. Prerequisite for other sociology courses.** — 3 credits
0101 (46321) MWF..... 9:00am- 9:50am (ASY 3203) STAFF
0201 (46322) TuTh..... 2:00pm- 3:15pm (ASY 3207) Langermann, J.
0301 (46328) TuTh.....12:30pm- 1:45pm (ASY 3203) STAFF
0401 (46329) TuTh.....11:00am-12:15pm (ASY 3203) Kammeyer, K.
0501 (46330) MWF.....11:00am-11:50am (ASY 2309) Hunt, L.
0601 (46331) MWF..... 2:00pm- 2:50pm (COL 3109) STAFF
0701 (46332) MWF.....12:00pm-12:50pm (ASY 3203) STAFF
0801 (46333) MWF..... 9:00am- 9:50am (ASY 1213) STAFF
0901 (46334) TuTh..... 9:30am-10:45am (ASY 2309) STAFF

SOCY100H **Introduction to Sociology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** — 3 credits
0101 (46341) TuTh.....11:00am-12:15pm (ANA 0100) Ritzer, G.

SOCY105 **Introduction to Contemporary Social Problems; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** — 3 credits
0101 (46351) MWF.....11:00am-11:50am (ASY 1213) Finsterbusch, K
0201 (46352) TuTh.....11:00am-12:15pm (COL 3112) Zamani-Moghadam
0301 (46353) MWF.....10:00am-10:50am (ASY 3207) STAFF
0401 (46354) MWF..... 1:00pm- 1:50pm (ARC 1101) STAFF
0501 (46355) TuTh..... 2:00pm- 3:15pm (ASY 3203) Hunt, J.

SOCY201 **Introductory Statistics for Sociology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: SOCY 100 and MATH 111 or equivalent. Not open to students who have completed BMGT 231, ENEE 324, or STAT 400. Credit will be granted for only one of the following: AREC 484, BIOM 301, BMGT 230, CNEC 400, ECON 321, EDMS 451, GEOG 305, GVPT 422, PSYC 200, SOCY 201, URSP 350, or TEXT 400* Required for majors. — 4 credits
0101 (46375) TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A.
M..... 8:00am- 9:50am (ASY 3217) Lab
0102 (46376) TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A.
M..... 8:00am- 9:50am (ASY 3221) Lab
0103 (46377) TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A.
M.....12:00pm- 1:50pm (ASY 3217) Lab
0104 (46378) TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A.
M.....12:00pm- 1:50pm (ASY 3221) Lab
0105 (46379) TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A.
M..... 2:00pm- 3:50pm (ASY 3217) Lab
0201 (46380) TuTh..... 2:00pm- 3:15pm (ASY 2309) Henkel, R.
W..... 8:00am- 9:50am (ASY 3217) Lab
0202 (46381) TuTh..... 2:00pm- 3:15pm (ASY 2309) Henkel, R.
W..... 8:00am- 9:50am (ASY 3221) Lab
0203 (46382) TuTh..... 2:00pm- 3:15pm (ASY 2309) Henkel, R.
W.....12:00pm- 1:50pm (ASY 3217) Lab
0204 (46383) TuTh..... 2:00pm- 3:15pm (ASY 2309) Henkel, R.
W.....12:00pm- 1:50pm (ASY 3221) Lab
0205 (46384) TuTh..... 2:00pm- 3:15pm (ASY 2309) Henkel, R.
W..... 2:00pm- 3:50pm (ASY 3217) Lab

SOCY202 **Introduction to Research Methods in Sociology; Grade Method: REG/P-F/AUD.** *Prerequisite: SOCY 201. To be taken immediately after SOCY 201. Required for majors.* — 4 credits
0101 (46394) MWF.....12:00pm-12:50pm (ASY 2203) Harper, G.
F..... 8:00am- 9:50am (ASY 3217) Lab
0102 (46395) MWF.....12:00pm-12:50pm (ASY 2203) Harper, G.
F.....10:00am-11:50am (ASY 3217) Lab
0103 (46396) MWF.....12:00pm-12:50pm (ASY 2203) Harper, G.
F..... 1:00pm- 2:50pm (ASY 3217) Lab
0104 (46397) MWF.....12:00pm-12:50pm (ASY 2203) Harper, G.
Th..... 8:00am- 9:50am (ASY 3221) Lab
0105 (46398) MWF.....12:00pm-12:50pm (ASY 2203) Harper, G.
Th.....10:00am-11:50am (ASY 3221) Lab

SOCY203 **Sociological Theory; Grade Method: REG/P-F/AUD.** *Prerequisite: SOCY 100.* Required for sociology majors. — 3 credits
0101 (46408) TuTh..... 2:00pm- 3:15pm (ASY 1213) Ritzer, G.

SOCY227 **Introduction to the Study of Deviance; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** *Credit will be granted for only one of the following: SOCY 227 or SOCY 327. Formerly SOCY 327* — 3 credits
0101 (46418) TuTh..... 8:00am- 9:15am (ASY 3203) Baxter, S.
0201 (46419) TuTh.....11:00am-12:15pm (COL 3109) Baxter, S.

SOCY230 **Sociological Social Psychology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. Relationship of groups to individual behavior; interpersonal processes.** — 3 credits
0101 (46429) MWF..... 2:00pm- 2:50pm (ASY 2309) STAFF

SOCY241 **Inequality in American Society; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** *Credit will be granted for only one of the following: SOCY 241 or SOCY 341. Formerly SOCY 341.* — 3 credits
0101 (46439) TuTh..... 9:30am-10:45am (ASY 3203) Pease, J.

SOCY300 **American Society; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** — 3 credits
0201 (46449) TuTh.....12:30pm- 1:45pm (ASY 1213) Vanneman, R.

SOCY305 **Scarcity and Modern Society; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course.** *Prerequisite: 3 credits of sociology.* — 3 credits
0101 (46459) MWF..... 2:00pm- 2:50pm (ASY 1213) Finsterbusch, K

SOCY312 **Family Demography; Grade Method: REG/P-F/AUD.** *Prerequisite: 3 credits of sociology* — 3 credits
0101 (46469) TuTh.....11:00am-12:15pm (ASY 3217) Kahn, J.

SOCY325 **The Sociology of Gender; Grade Method: REG/AUD. CORE Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course.** *Prerequisite: 3 credits of sociology* — 3 credits
0101 (46479) TuTh..... 9:30am-10:45am (ASY 1213) Hunt, J.
0201 (46480) TuTh.....11:00am-12:15pm (ASY 3207) Malhotra, A.
0301 (46481) MWF..... 9:00am- 9:50am (ASY 3207) STAFF
0401 (46482) MWF..... 2:00pm- 2:50pm (ASY 3203) STAFF

SOCY380 (PermReq) **Honors Independent Reading in Sociology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite: permission of department. Formerly SOCY 378* — 3 credits

SOCY381 (PermReq) **Honors Independent Research in Sociology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite: SOCY 380. Formerly SOCY 388.* — 3 credits

SOCY383 (PermReq) **Honors Thesis Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite: SOCY 381. Formerly SOCY 389* — 3 credits

SOCY386 (PermReq) **Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* To register, students must have departmental permission form signed by instructor and by Coordinator of Sociology Undergrad Program. — 3-6 credits

SOCY398B **Special Topics in Sociology: Introduction to Computer for Social Science Majors: SPSS; Grade Method: REG/AUD.** — 1 credit
0101 (46524) W..... 2:00pm- 3:30pm (ASY 1116) Teachman, J.

SOCY398C **Special Topics in Sociology: Introduction to Computer for Social Science Majors: SASS; Grade Method: REG/AUD.** — 1 credit
0101 (46534) Tu..... 2:00pm- 3:30pm (ASY 1116) Teachman, J.

SOCY399 (PermReq) **Independent Study in Sociology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** No more than 6 hours of 399 is allowed for credit. — 1-6 credits

SOCY401 **Intermediate Statistics for Sociologists; Grade Method: REG/P-F/AUD.** *Prerequisite: SOCY 201 or equivalent or permission of department. Not open to students who have completed ENEE 324, BMGT 231, or STAT 400* — 4 credits
0101 (46573) TuTh..... 9:30am-10:45am (ASY 3217) Henkel, R.
Tu.....11:00am-12:50pm (ASY 3221) Lab

SOCY403 **Intermediate Sociological Theory; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course.** *Prerequisite: SOCY 203 or permission of department* — 3 credits
0101 (46583) MWF.....11:00am-11:50am (ASY 3203) Brown, R.

SOCY427 **Deviant Behavior; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course.** *Prerequisite: 6 credits of sociology or permission of department.* — 3 credits
0101 (46593) MWF..... 3:00pm- 3:50pm (ASY 2203) STAFF

SOCY430 **Sociology of Personality; Grade Method: REG/P-F/AUD.** *Prerequisite: 6 credits of sociology or permission of department* — 3 credits
0101 (46603) MWF..... 2:00pm- 2:50pm (ASY 3207) Hunt, L.

SOCY441 **Social Stratification and Inequality; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course.** *Prerequisite: 6 credits of sociology or permission of department. 56 semester hours. Junior standing. Credit will be granted for only one of the following: SOCY 241 or SOCY 441.* — 3 credits
0101 (46613) TuTh.....12:30pm- 1:45pm (ASY 3207) Pease, J.

SOCY443 **The Family and Society; Grade Method: REG/P-F/AUD.** *Prerequisite: 6 credits of sociology or permission of department* — 3 credits
0101 (46623) MWF.....10:00am-10:50am (ASY 3203) Harper, G.

SOCY464 **Military Sociology; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course.** *Prerequisite: 6 credits of sociology or permission of department* — 3 credits
0101 (46633) TuTh..... 9:30am-10:45am (ASY 3207) Segal, M.

SOCY465 **The Sociology of War; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course.** *Prerequisite: 6 credits of sociology or permission of department.* — 3 credits
0101 (46643) MWF..... 1:00pm- 1:50pm (ASY 3207) Segal, D.

SOCY468 **Sociology of Politics; Grade Method: REG/P-F/AUD.** *Prerequisite: 6 credits of sociology or permission of department.* — 3 credits
0101 (46653) MW..... 3:00pm- 4:15pm (ASY 3207) Hage, J.

SOCY474 **Soviet Ethnic Issues; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course.** *Prerequisite: 6 credits of sociology or permission of department.* — 3 credits
0101 (46663) M..... 3:00pm- 5:40pm (ASY 3203) Robinson, J.

SOCY801 **Multivariate Statistics; Grade Method: REG/AUD.** *Prerequisite: SOCY 401 or equivalent.* — 3 credits
0101 (46717) Tu..... 6:30pm- 9:10pm (ASY 3217) Neustadtl, A.

SOCY804 Survey Research Methods; Grade Method: REG/AUD. *Prerequisite: SOCY 602 or equivalent or permission of department.* — 3 credits
0101 (46727) Th..... 3:30pm- 6:10pm (ASY 4111) — Robinson, J.

SOCY820 Development of European and American Sociological Theory; Grade Method: REG/AUD. *Prerequisite: SOCY 203 or permission of instructor.* — 3 credits
0101 (46737) M..... 6:30pm- 9:10pm (ASY 2115) — Brown, R.

SOCY830 Population and Society; Grade Method: REG/AUD. — 3 credits
0101 (46747) M..... 3:30pm- 6:10pm (ASY 4111) — Presser, H.

SOCY831 Comparative Sociology; Grade Method: REG/AUD. — 3 credits
0101 (46757) Th..... 6:30pm- 9:10pm (ASY 2115) — Vanneman, R.

SOCY841 Family Studies; Grade Method: REG/AUD. — 3 credits
0101 (46767) Th..... 6:30pm- 9:10pm (ASY 4111) — Kammeyer, K.

SOCY842 The Sociology of Mental Health; Grade Method: REG/AUD. — 3 credits
0101 (46777) W..... 6:30pm- 9:10pm (ASY 4111) — Hamilton, V.

SOCY847 Interpersonal Behavior and Small Groups; Grade Method: REG/AUD. — 3 credits
0101 (46787) M..... 6:30pm- 9:10pm (ASY 4111) — Meeker, B.

SOCY860 Theories of Social Psychology; Grade Method: REG/AUD. *Prerequisite: undergraduate training in sociological research methods, statistics, and theory or equivalent.* — 3 credits
0101 (46797) Tu..... 3:30pm- 6:10pm (ASY 2115) — Meeker, B.

SOCY864 Armed Forces and Society; Grade Method: REG/AUD. — 3 credits
0101 (46807) M..... 3:30pm- 6:10pm (ASY 4111) — Segal, D.

SOCY899 Special Social Problems; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

SOCY899B Special Social Problems: Introduction to Compúter for Social Science Majors: SPSS; Grade Method: REG/AUD. — 1 credit
0101 (46851) W..... 2:00pm- 3:30pm (ASY 1116) — Teachman, J.

SOCY899C Special Social Problems: Introduction to Computer for Social Science Majors: SASS; Grade Method: REG/AUD. — 1 credit
0101 (46861) Tu..... 2:00pm- 3:30pm (ASY 1116) — Teachman, J.

SOCY899E Special Social Problems: The Sociology of Economics; Grade Method: REG/AUD. — 3 credits
0101 (46871) M..... 6:30pm- 9:10pm (ASY 2115) — Hage, J.

SOCY899G Special Social Problems: Great Books in Political Economy; Grade Method: REG/AUD. — 3 credits
0101 (46881) M..... 3:30pm- 6:10pm (ASY 2115) — Falk, W.

SOCY899M Special Social Problems: Migration and Labor Force; Grade Method: REG/AUD. — 3 credits
0101 (46891) Tu..... 3:30pm- 6:10pm (ASY 4111) — Malhotra, A.

SOCY899P (PermReq) Special Social Problems: Power, Gender, and the Spectrum of Difference; Grade Method: REG/AUD. — 3 credits
0101 (46901) M..... 4:00pm- 6:30pm (MIL 1106) — Dill, B.

SOCY709 Advanced Special Topics in Data Analysis; Grade Method: REG/AUD. — 3 credits
0101 (46911) Tu..... 6:30pm- 9:10pm (ASY 2115) — Teachman, J.

SOCY799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

SOCY819 Research Seminar in Social Psychology; Grade Method: REG/AUD. — 1 credit
0101 (46956) Time and room to be arranged — Hamilton, V.

SOCY829 Research Seminar in Sociological Theory; Grade Method: REG/AUD. — 1 credit
0101 (46966) Time and room to be arranged — Brown, R.

SOCY839 Research Seminar in Organizations and Occupations; Grade Method: REG/AUD. — 1 credit
0101 (46976) Time and room to be arranged — Hage, J.

SOCY849 Research Seminar in Demography; Grade Method: REG/AUD. — 1 credit
0101 (46986) Time and room to be arranged — Presser, H.

SOCY858 Research Seminar in Sex Roles; Grade Method: REG/AUD. — 1 credit
0101 (46996) Time and room to be arranged — Hunt, J.

SOCY859 Research Seminar in Sociology of the Family; Grade Method: REG/AUD. — 1 credit
0101 (47006) Time and room to be arranged — Kammeyer, K.

SOCY869 Research Seminar in Military Sociology; Grade Method: REG/AUD. — 1 credit
0101 (47016) Time and room to be arranged — Segal, M.

SOCY889 Research Seminar in Social Stratification; Grade Method: REG/AUD. — 1 credit
0101 (47026) Time and room to be arranged — Landry, L.

SOCY899 (PermReq) Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

SPAN Spanish (Arts and Humanities)

Electronic laboratory for SPAN 101, SPAN 102, SPAN 103, SPAN 201 will be scheduled after classes start.

SPAN101 Elementary Spanish I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: No previous Spanish. high school level 1 Spanish with grade of A or B, high school level 2 Spanish with a grade of C or below. Not open to native/fluent speakers of Spanish.* Exceptions will be granted for students with 5 years lapse in study. Students must present high school transcript on the first day of class to assure proper placement. For advising assistance, come to JMZ 2202. — 4 credits
0101 (47118) MTuWF..... 8:00am- 8:50am (JMZ 2207) — STAFF
0201 (47119) MTuWF..... 9:00am- 9:50am (JMZ 2207) — STAFF
0301 (47120) MTuWF.....10:00am-10:50am (JMZ 2207) — STAFF
0401 (47121) MTuWF.....10:00am-10:50am (JMZ 1117) — STAFF
0501 (47122) MTuWF.....11:00am-11:50am (JMZ 2207) — STAFF
0601 (47123) MTuWF.....12:00pm-12:50pm (JMZ 2207) — STAFF
0701 (47124) MTuWF..... 1:00pm- 1:50pm (JMZ 2207) — STAFF
0801 (47125) MTuWF..... 2:00pm- 2:50pm (JMZ 2207) — STAFF
0901 (47126) MTuWF..... 3:00pm- 3:50pm (JMZ 1226) — STAFF
1001 (47127) MWF.....11:00am-11:50am (HBK 0125) — STAFF
Tu.....11:00am-11:50am (JMZ 1117)

SPAN102 Elementary Spanish II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: SPAN 101 at UMCP or equivalent. Not open to native/fluent speakers of Spanish.* Recommended for students who have completed Level 2 with a grade of A or B in high school or SPAN 101 at UMCP, or the first semester of college Spanish at another institution. Students must present college and/or high school transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, in JMZ 2202. — 4 credits
0101 (47137) MWThF..... 9:00am- 9:50am (JMZ 1224) — STAFF
0201 (47138) MWF.....10:00am-10:50am (JMZ 1226) — STAFF
Th.....10:00am-10:50am (JMZ 2207)
0301 (47139) MWF.....11:00am-11:50am (JMZ 1215) — STAFF
Th.....11:00am-11:50am (JMZ 0118)
0401 (47140) MWThF.....12:00pm-12:50pm (JMZ 1224) — STAFF
0501 (47141) MWThF..... 1:00pm- 1:50pm (JMZ 1224) — STAFF
0601 (47142) MWF..... 2:00pm- 2:50pm (JMZ 1224) — STAFF
Th..... 2:00pm- 2:50pm (JMZ 1226)

SPAN103 Review of Elementary Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Not open to students who have completed higher level Spanish language classes.* Recommended for students who have completed Level 2 with a grade of A or B, or Level 3 with a grade of C or below in high school, or the first semester of college Spanish at another institution. Limited exceptions may be granted for students with weak preparations or several years lapse since study in high school. Students must present high school and/or college transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, in JMZ 2202. — 4 credits
0101 (47152) MTuWF..... 9:00am- 9:50am (JMZ 1103) — STAFF
0201 (47153) MTuWF.....10:00am-10:50am (JMZ 1103) — STAFF
0301 (47154) MTuWF.....11:00am-11:50am (JMZ 1103) — STAFF
0401 (47155) MTuWF.....12:00pm-12:50pm (JMZ 1103) — STAFF
0501 (47156) MTuWF..... 1:00pm- 1:50pm (JMZ 1103) — STAFF
0601 (47157) MTuWF..... 2:00pm- 2:50pm (JMZ 1226) — STAFF

SPAN201 Intermediate Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: SPAN 102 or SPAN 103 at UMCP or high school level 3 Spanish with a grade of A or B or high school level 4 Spanish with a C or below. Not open to native/fluent speakers of Spanish. Formerly SPAN 203.* — 4 credits
0101 (47167) MWThF..... 8:00am- 8:50am (JMZ 0208) — STAFF
0201 (47168) MWThF..... 9:00am- 9:50am (JMZ 0208) — STAFF
0301 (47169) MWThF.....10:00am-10:50am (JMZ 0208) — STAFF
0401 (47170) MWThF.....10:00am-10:50am (JMZ 1224) — STAFF
0501 (47171) MWThF.....11:00am-11:50am (JMZ 0208) — STAFF
0601 (47172) MWThF.....,11:00am-11:50am (JMZ 1224) — STAFF
0701 (47173) MWThF.....12:00pm-12:50pm (JMZ 0208) — STAFF
0801 (47174) MWThF.....12:00pm-12:50pm (HZF 1102) — STAFF
0901 (47175) MWThF..... 1:00pm- 1:50pm (JMZ 0208) — STAFF
1001 (47176) MWF..... 1:00pm- 1:50pm (JMZ 0118) — STAFF
Th..... 1:00pm- 1:50pm (JMZ 2120)
1101 (47177) MWThF..... 2:00pm- 2:50pm (JMZ 0208) — STAFF

SPAN202 Intermediate Grammar and Composition; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: SPAN 201 or high school level 4 or 5 with a grade of A or B or permission of department. Corequisite. SPAN 207 and/or SPAN 211. Not open to native/fluent speakers of Spanish. Formerly SPAN 204.* — 3 credits
0101 (47187) MWF.....11:00am-11:50am (JMZ 1211) — STAFF
0201 (47188) MWF.....12:00pm-12:50pm (JMZ 0120) — STAFF
0301 (47189) MWF..... 1:00pm- 1:50pm (JMZ 1215) — STAFF
0401 (47190) MWF..... 2:00pm- 2:50pm (JMZ 1215) — STAFF

SPAN206 Review of Oral and Written Spanish for Native Speakers Educated in the United States; Grade Method: REG/P-F/AUD. *Prerequisite: native or near native knowledge of oral Spanish and no formal education in Spanish.* — 3 credits
0101 (47200) MWF.....12:00pm-12:50pm (JMZ 1226) — STAFF

SPAN207 Reading and Writing in Spanish; Grade Method: REG/P-F/AUD. *Prerequisites: SPAN 201. Pre- or corequisite: SPAN 202, or permission of department.* — 3 credits
0101 (47210) MWF.....10:00am-10:50am (JMZ 2102) — Little, K.
0201 (47211) MWF.....11:00am-11:50am (JMZ 1120) — Little, K.

SPAN211 Intermediate Conversation; Grade Method: REG/P-F/AUD. *Prerequisite: SPAN 201 or permission of department. Not open to native/fluent speakers of Spanish. Formerly SPAN 205.* — 3 credits
0101 (47221) MWF..... 9:00am- 9:50am (JMZ 1117) — STAFF
0201 (47222) MWF.....10:00am-10:50am (JMZ 0118) — STAFF
0301 (47223) MWF.....12:00pm-12:50pm (JMZ 1117) — STAFF

SPAN221 Introduction to Literature; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: Spanish high school level 5 or above or SPAN 202 or permission of department.* May be taken with SPAN 204 and/or 205. — 3 credits
0101 (47233) TuTh..... 9:30am-10:45am (HZF 1108) — STAFF
0201 (47234) TuTh.....11:00am-12:15pm (HZF 1108) — STAFF

SPAN224 Violence and Resistance in the Americas; Grade Method: REG. CORE Distributive Studies Literature Course. CORE Cultural Diversity Course. — 3 credits
0110 (47244) MWF..... 1:00pm- 1:50pm (JMZ 1122) — Rabasa, J.

SPAN301 Advanced Grammar and Composition I; Grade Method: REG/P-F/AUD. *Prerequisite. SPAN 202. Recommended. SPAN 207.* — 3 credits
0101 (47254) MWF.....12:00pm-12:50pm (JMZ 2125) — STAFF
0201 (47255) MWF..... 1:00pm- 1:50pm (JMZ 2117) — STAFF
0301 (47256) MWF..... 2:00pm- 2:50pm (JMZ 1117) — STAFF

SPAN302 Advanced Grammar and Composition II; Grade Method: REG/P-F/AUD. *Prerequisite: SPAN 301.* — 3 credits
0101 (47266) MWF..... 1:00pm- 1:50pm (JMZ 1117) — STAFF
0201 (47267) MWF..... 2:00pm- 2:50pm (JMZ 1103) — STAFF

SPAN311 Advanced Conversation I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite. SPAN 202 or SPAN 211 or permission of department. Not open to native/fluent speakers of Spanish.* Course chair: staff. — 3 credits
0101 (47277) MWF.....,10:00am-10:50am (KEY 0119) — STAFF
0201 (47278) MWF.....11:00am-11:50am (HBK 1112) — STAFF
0301 (47279) MWF.....12:00pm-12:50pm (JMZ 2102) — STAFF

SPAN315 Commercial Spanish I; Grade Method: REG/P-F/AUD. *Prerequisite: SPAN 301 or permission of department.* Offered fall only. — 3 credits
0101 (47289) MWF.....12:00pm-12:50pm (JMZ 1120) — Lavine, R.

SPAN316 (PermReq) Practicum in Translation I; Grade Method: REG/P-F/AUD. *Prerequisite: SPAN 301 and permission of department.* Offered fall only. — 3 credits
0101 (47299) TuTh.....11:00am-12:15pm (JMZ 1226) — STAFF
0201 (47300) TuTh..... 9:30am-10:45am (JMZ 2123) — STAFF

SPAN318 Translation of Technical Texts; Grade Method: REG/P-F/AUD. — 3 credits
0101 (47310) MWF..... 2:00pm- 2:50pm (HZF 1108) — STAFF

SPAN321 Survey of Spanish Literature I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: SPAN 301 or permission of department.* Offered fall only. — 3 credits
0101 (47320) MWF.....10:00am-10:50am (JMZ 1120) — Benito-Vessels,

SPAN323 Survey of Latin-American Literature I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite. SPAN 301 or permission of department.* Offered fall only. — 3 credits
0101 (47330) MWF.....12:00pm-12:50pm (JMZ 1215) — Sanjines, J.
0201 (47331) TuTh.....11:00am-12:15pm (JMZ 1215) — Sosnowski, S.

SPAN325 Spanish Civilization I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: SPAN 301 or permission of department.* Offered fall only. — 3 credits
0101 (47341) TuTh.....12:30pm- 1:45pm (JMZ 1120) — Navarro-Caldero

SPAN346 Latin American Civilization I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: SPAN 301 or permission of department.* Offered fall only. — 3 credits
0101 (47351) MWF.....11:00am-11:50am (ARM 0116) — Aguilar-Mora, J

SPAN386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

SPAN399 (PermReq) Independent Study in Spanish; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Previous permission by the instructor is required for enrollment in this course. — 1-3 credits

SPAN401 Advanced Composition I; Grade Method: REG/P-F/AUD. *Prerequisite. SPAN 302 or permission of department.* Offered fall only. — 3 credits
0101 (47385) MWF..... 9:00am- 9:50am (JMZ 1124) — STAFF

SPAN408 Great Themes of the Hispanic Literatures: Cultura y Plantacion en el Caribe espanol; Grade Method: REG/P-F/AUD. Designed for advanced undergraduates and first year master's students. — 3 credits
0101 (47393) MWF.....10:00am-10:50am (JMZ 1104) — Phaf, M.

SPAN408A Great Themes of the Hispanic Literatures: Life, Society and Literature of the 14th Century; Grade Method: REG/P-F/AUD. — 3 credits
0101 (47403) MWF.....11:00am-11:50am (JMZ 1226) — Benito-Vessels,

SPAN409 Great Themes of the Hispanic Literatures: Introduccion a la Literatura Colonial; Grade Method: REG/P-F/AUD. — 3 credits
0101 (47423) MWF..... 2:00pm- 2:50pm (HZF 1102) — Rabasa, J.

SPAN409A Great Themes of the Hispanic Literatures: Literaturas Indigenas Americanas; Grade Method: REG/P-F/AUD. — 3 credits
0101 (47433) TuTh..... 2:00pm- 3:15pm (JMZ 1103) — STAFF

SPAN468 Modernism and Post-Modernism in Spain and Spanish-America: Modernismo y Modernidad; Grade Method: REG/P-F/AUD. — 3 credits
0101 (47443) TuTh..... 9:30am-10:45am (JMZ 1215) — Nemes, G.

SPAN479 (PermReq) Honors Thesis; Grade Method: REG. — 3-6 credits
0101 (47453) Time and room to be arranged — Rabasa, J.

SPAN492H Honors Reading Course: Novel; Grade Method: REG/P-F/AUD. — 3 credits
0101 (47463) MWF..... 1:00pm- 1:50pm (JMZ 2206) — Benito-Vessels,

SPAN605 (PermReq) Teaching Spanish I; Grade Method: REG. *Prerequisite: permission of department. For Spanish teaching assistants only.* — 1 credit
0101 (47473) M..... 2:00pm- 2:50pm (JMZ 1120) — Lavine, R.

SPAN699 (PermReq) Independent Study in Spanish; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

SPAN798 Open Seminar: Workshop in Essay and Research Writing; Grade Method: REG/AUD. Mandatory for incoming graduate students. — 3 credits
0101 (47494) F..... 4:30pm- 7:00pm (JMZ 1117) — Pacheco, J.

SPAN798A Open Seminar: Autobiografia, Testimonio, Modernidad; Grade Method: REG/AUD. — 3 credits
0101 (47504) Tu..... 4:30pm- 7:00pm (JMZ 0208) — Navarro-Caldero

SPAN799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

SPAN818 National Spanish-American Literature: Indigenismo y Conciencia Popular en el Area Andina; Grade Method: REG/AUD. — 3 credits
0101 (47524) M..... 4:30pm- 7:00pm (JMZ 1117) — Sanjines, J.

SPAN819 National Spanish American Literature: Cuento del Siglo XX; Grade Method: REG/AUD. — 3 credits
0101 (47534) Th..... 4:30pm- 7:00pm (JMZ 0208) — Pacheco, J.

SPAN898 Open Seminar: Clasicos de Puerto Rico hoy; Grade Method: REG/AUD. — 3 credits
0101 (47544) M..... 4:30pm- 7:00pm (JMZ 1224) — Phaf, M.

SPAN898A Open Seminar: Indigenous Cultures of the Americas; Grade Method: REG/AUD. — 3 credits
0101 (47554) Tu..... 4:30pm- 7:00pm (JMZ 1103) — STAFF

SPAN899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

SPCH Speech (Arts and Humanities)

SPCH107 Speech Communication: Principles and Practice; Grade Method: REG/P-F/AUD. *Not open to students who have completed SPCH 100. Credit will be granted for only one of the following: SPCH 100 or SPCH 107.* This course is restricted to students in the College of Human Ecology, College of Business and Management, College of Education, College of Journalism, College of Letters and Sciences, and students with the following major codes: 01020, 01030, 01021, 01031, 01040, 1506A, 12230, 01080, 12120, 12130, 4901Z, 00400, 21030, and 4901E. Course chairperson: Wolvin. Attendance on the first day of classes is mandatory. — 3 credits
0101 (47624) MWF..... 8:00am- 8:50am (SKN 1112) — STAFF
0201 (47625) MWF..... 8:00am- 8:50am (TWS 2212) — STAFF
0401 (47627) MWF..... 9:00am- 9:50am (TWS 2228) — STAFF
0501 (47628) MWF..... 9:00am- 9:50am (TWS 0135) — STAFF
0601 (47629) MWF.....10:00am-10:50am (TWS 2228) — STAFF
0701 (47630) MWF.....10:00am-10:50am (SKN 1112) — STAFF
0801 (47631) MWF.....10:00am-10:50am (TWS 0135) — STAFF
0901 (47632) MWF.....11:00am-11:50am (TWS 0138) — STAFF
1001 (47633) MWF.....11:00am-11:50am (ARM 0119) — STAFF
1101 (47634) MWF.....11:00am-11:50am (ARM 0121) — STAFF
1201 (47635) MWF.....11:00am-11:50am (TWS 2212) — STAFF
1301 (47636) MWF..... 1:00pm- 1:50pm (TWS 0135) — STAFF
1401 (47637) MWF..... 1:00pm- 1:50pm (TWS 0131) — STAFF
1501 (47638) MWF..... 1:00pm- 1:50pm (TWS 0147) — STAFF
1601 (47639) MWF..... 2:00pm- 2:50pm (TWS 0131) — STAFF
1701 (47640) TuTh..... 8:00am- 9:15am (TWS 0135) — STAFF
1801 (47641) TuTh..... 8:00am- 9:15am (TWS 0138) — STAFF
1901 (47642) TuTh..... 9:30am-10:45am (TWS 0131) — STAFF
2001 (47643) TuTh..... 9:30am-10:45am (TWS 0138) — STAFF
2101 (47644) TuTh.....11:00am-12:15pm (TWS 0131) — STAFF
2201 (47645) TuTh.....11:00am-12:15pm (TWS 2212) — STAFF
2301 (47646) TuTh.....11:00am-12:15pm (TWS 0135) — STAFF
2401 (47647) TuTh.....12:30pm- 1:45pm (TWS 0135) — STAFF
2501 (47648) TuTh.....12:30pm- 1:45pm (COL 3111) — STAFF
2601 (47649) TuTh.....12:30pm- 1:45pm (HZF 1106) — STAFF
2701 (47650) TuTh.....12:30pm- 1:45pm (HZF 1108) — STAFF
2801 (47651) TuTh..... 2:00pm- 3:15pm (TWS 2212) — STAFF
2901 (47652) TuTh..... 2:00pm- 3:15pm (COL 3109) — STAFF
3001 (47653) TuTh..... 9:30am-10:45am (ARM 0119) — STAFF

SPCH125 Introduction to Interpersonal Communication; Grade Method: REG/P-F/AUD. This course is restricted to students in the College of Human Ecology, College of Business and Management, College of Education, College of Journalism, College of Letters and Sciences, and students with the following major codes: 01020, 01030, 01021, 01031, 01040,1506A, 12230, 01080, 12120, 12130, 4901Z, 00400, 21030, and 4901E. Course chairperson: Wolvin. Attendance on the first day of classes is mandatory. — 3 credits
0301 (47663) TuTh..... 9:30am-10:45am (TWS 0135) — STAFF
0401 (47664) TuTh.....11:00am-12:15pm (TWS 2228) — STAFF

SPCH200 Advanced Public Speaking; Grade Method: REG/P-F/AUD. *Prerequisite: SPCH 100 or SPCH 107 or permission of department.* Course chairperson: McCaleb. Attendance on the first day of classes is mandatory. — 3 credits
0101 (47674) MWF..... 9:00am- 9:50am (SKN 0104) — STAFF
0201 (47675) MWF.....10:00am-10:50am (SKN 0104) — STAFF

SPCH220 Small Group Discussion; Grade Method: REG/P-F/AUD. Course chairperson: Falcione. Attendance on the first day of classes is mandatory. — 3 credits

0101 (47686) TuTh.....11:00am-12:15pm (SKN 0104) STAFF
0201 (47687) TuTh.....12:30pm- 1:45pm (TWS 2212) STAFF

SPCH230 **Argumentation and Debate; Grade Method: REG/P-F/AUD.** Course chairperson; Klumpp. Attendance on the first day of classes is mandatory. — 3 credits

0101 (47697) TuTh..... 8:00am- 9:15am (TWS 2228) STAFF
0201 (47698) TuTh..... 9:30am-10:45am (TWS 2228) STAFF
0301 (47699) TuTh..... 2:00pm- 3:15pm (TWS 0138) STAFF
0401 (47700) TuTh.....12:30pm- 1:45pm (TWS 0131) STAFF

SPCH250 **Introduction to Speech Communication Inquiry; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (47710) TuTh..... 3:45pm- 5:00pm (SKN 0200) Falcione, R.

SPCH360 **The Rhetoric of Black America; Grade Method: REG/P-F/AUD.** Attendance on the first day of classes is mandatory. — 3 credits

0101 (47720) W..... 7:00pm- 9:45pm (SKN 0104) Niles, L.

SPCH400 **Research Methods in Speech Communication; Grade Method: REG/P-F/AUD.** *Prerequisites: SPCH 250 and an introductory course in statistics.* Attendance on the first day of classes is mandatory. — 3 credits

0101 (47730) TuTh..... 2:00pm- 3:15pm (ARM 0117) Freimuth, V.

SPCH401 **Foundations of Rhetoric; Grade Method: REG/P-F/AUD.** *Prerequisite: SPCH 250.* Attendance on the first day of classes is mandatory. — 3 credits

0101 (47740) TuTh.....12:30pm- 1:45pm (SKN 0104) Shaw, L.

SPCH402 **Communication Theory and Process; Grade Method: REG/P-F/AUD.** *Recommended: SPCH 250.* Attendance on the first day of classes is mandatory. — 3 credits

0101 (47750) MW..... 2:00pm- 3:15pm (SKN 0104) Goldsmith, D.

SPCH424 **Communication in Complex Organizations; Grade Method: REG/P-F/AUD.** *Prerequisite: SPCH 400 or permission of department.* Attendance on the first day of classes is mandatory. — 3 credits

0101 (47760) TuTh..... 5:15pm- 6:30pm (SKN 0104) Falcione, R.

SPCH450 **Classical and Medieval Rhetorical Theory; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course.** *Prerequisite: SPCH 401 or permission of department.* Attendance on the first day of classes is mandatory. — 3 credits

0101 (47770) TuTh..... 3:00pm- 4:15pm (KEY 0102) Gaines, R.

SPCH455 **Speechwriting; Grade Method: REG/P-F/AUD.** *Prerequisite: SPCH 401 or permission of department.* — 3 credits

0101 (47780) TuTh..... 2:00pm- 3:15pm (SKN 0104) Wolvin, A.

SPCH470 **Theories of Listening; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (47790) MW.....11:00am-12:15pm (SKN 0104) McCaleb, J.

SPCH477 **Discourse Analysis; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (47800) MW.....12:30pm- 1:45pm (SKN 0104) Goldsmith, D.

SPCH478 **Speech Communication Colloquim: Professional Issues in Speech Communication; Grade Method: REG/AUD.** Senior standing. — 1 credit

0101 (47810) Tu..... 4:00pm- 4:50pm (SKN 0104) Wolvin, A.

SPCH489 (PermReq) **Topical Research: Speech Communication Workshop; Grade Method: REG/P-F/AUD.** Individual instruction course: contact department or instructor to obtain section number. — 1-3 credits

SPCH488 (PermReq) **Seminar; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 3 credits

SPCH498N **Seminar: Studies in Expressive Rhetoric of the New World; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (47842) TuTh..... 9:30am-10:45am (SKN 0104) Shaw, L.

SPCH488O **Seminar: Topics in Organizational Communication;** (PermReq) **Grade Method: REG/P-F/AUD.** Prerequisite: one course in speech communication or permission of department. — 3 credits

0101 (47852) W..... 4:30pm- 7:00pm (SKN 1115) Falcione, R.

SPCH800 **Empirical Research in Speech Communication; Grade Method: REG/AUD.** — 3 credits

0101 (47862) M..... 4:00pm- 6:45pm (SKN 2127) Fink, E.

SPCH852 **Contemporary Rhetorical Theory; Grade Method: REG/AUD.** — 3 credits

0101 (47872) M..... 7:00pm- 9:45pm (SKN 2127) Klumpp, J.

SPCH855 **Seminar in Speechwriting; Grade Method: REG/AUD.** — 3 credits

0101 (47882) TuTh..... 2:00pm- 3:15pm (SKN 0104) Wolvin, A.

SPCH898 **Special Problems in Speech Communication; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 3 credits

SPCH888O (PermReq) **Special Problems in Speech Communication: Topics in Organizational Communication; Grade Method: REG/AUD.** — 3 credits

0101 (47902) W..... 4:30pm- 7:00pm (SKN 1115) Falcione, R.

SPCH898R **Special Problems in Speech Communication: Health and the Mass Media; Grade Method: REG/AUD.** — 3 credits

0101 (47912) Tu..... 4:00pm- 6:45pm (TWS 2212) Freimuth, V.

SPCH700 **Introduction to Doctoral Studies in Speech Communication; Grade Method: REG/AUD.** *Prerequisite: admission to the Ph.D program in SPCH. Formerly PCOM 700.* — 3 credits

0101 (47922) Tu..... 5:00pm- 7:45pm (SKN 1112) Gaines, R.

SPCH702 **Intermediate Quantitative Data Analysis in Speech Communication Research: The General Linear Model; Grade Method: REG/AUD.** *Prerequisite: SPCH 700 or permission of instructor. Formerly PCOM 702.* — 3 credits

0101 (47932) Th..... 4:00pm- 6:45pm (SKN 2127) Fink, E.

SPCH768 **Seminar in Public Address; Grade Method: REG/AUD.** — 3 credits

0101 (47942) Tu..... 1:00pm- 4:00pm (SKN 2127) Solomon, M.

SPCH798 (PermReq) **Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

SPCH798J (PermReq) **Independent Study: Speech Communication; Grade Method: REG/AUD.** — 1 credit

0101 (47963) M..... 3:00pm- 5:50pm (SKN 2127) McCaleb, J.

SPCH799 (PermReq) **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

SPCH888 (PermReq) **Doctoral Practicum in Speech Communication; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 3-9 credits

SPCH889 (PermReq) **Doctoral Tutorial in Speech Communication; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 3-8 credits

SPCH899 (PermReq) **Doctoral Dissertation Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.** — 1-8 credits

STAT Statistics and Probability (Computer, Mathematical and Physical Sciences)

STAT100 **Elementary Statistics and Probability; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: permission of Math Department based on satisfactory score on Math placement exam or MATH 110 or MATH 115. Not open to students who have completed MATH 111 or any MATH or STAT course with a prerequisite of MATH 141. Credit will be granted for only one of the following: MATH 111 or STAT 100.* — 3 credits

0101 (48066) MWF.....12:00pm-12:50pm (MTH 0105) STAFF
0102 (48067) MWF.....12:00pm-12:50pm (MTH B0431) STAFF
0103 (48068) MWF.....12:00pm-12:50pm (MTH 0107) STAFF
0201 (48069) MWF..... 2:00pm- 2:50pm (MTH 0103) STAFF
0202 (48070) MWF..... 2:00pm- 2:50pm (MTH B0431) STAFF
0203 (48071) MWF..... 2:00pm- 2:50pm (MTH 0107) STAFF

STAT400 **Applied Probability and Statistics I; Grade Method: REG/P-F/AUD.** *Prerequisite: MATH 141. Not acceptable toward graduate degrees in STAT, MAPL, or MATH. Credit will be granted for only one of the following: STAT 400 or ENEE 324.* Section 0301 is designed for engineering students and includes some additional topics in quality control or simulation beyond other STAT 400 material. — 3 credits

0101 (48081) MWF.....11:00am-11:50am (MTH 0103) STAFF
0201 (48082) MWF.....12:00pm-12:50pm (CHM 0124) Millson, J.
0301 (48083) MWF..... 2:00pm- 2:50pm (MTH 0105) Syski, R.
0401 (48084) TuTh..... 9:30am-10:45am (MTH 0302) Kagan, A.
0501 (48085) TuTh.....11:00am-12:15pm (MTH 0407) Freidlin, M.
0601 (48086) TuTh..... 2:00pm- 3:15pm (MTH 0305) Lee, T.
0701 (48087) TuTh.....12:30pm- 1:45pm (CHM 0124) Mikulski, P.

STAT401 **Applied Probability and Statistics II; Grade Method: REG/P-F/AUD.** *Prerequisite: STAT 400* — 3 credits

0101 (48097) TuTh.....11:00am-12:15pm (MTH 0401) Kagan, A.

STAT410 **Introduction to Probability Theory; Grade Method: REG/P-F/AUD.** *Prerequisite: MATH 240, and MATH 241.* — 3 credits

0101 (48107) TuTh..... 5:00pm- 6:15pm (MTH 0409) Syski, R.

STAT411 **Introduction to Stochastic Processes; Grade Method: REG/P-F/AUD.** *Prerequisite: STAT 400* — 3 credits

0101 (48117) MWF..... 1:00pm- 1:50pm (MTH 1308) Markley, N.

STAT440 **Sampling Theory; Grade Method: REG/P-F/AUD.** *Prerequisite: STAT 401 or STAT 420* — 3 credits

0101 (48127) MWF..... 2:00pm- 2:50pm (MTH B0425) Smith, P.

STAT464 **Introduction to Biostatistics; Grade Method: REG/P-F/AUD.** *Prerequisite: one semester of calculus. 56 semester hours. Junior standing.* — 3 credits

0101 (48137) TuTh..... 2:00pm- 3:15pm (MTH 0401) Fakre-Zakeri, I

STAT488A **Selected Topics in Statistics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

STAT600 **Probability Theory I; Grade Method: REG/AUD.** *Prerequisite: STAT 410* — 3 credits

0101 (48155) TuTh.....12:30pm- 1:45pm (MTH B0429) Lee, T.

STAT610 **Stochastic Processes I; Grade Method: REG/AUD.** *Prerequisites: STAT 600, and STAT 601, or equivalent. Recommended: STAT 650, MATH 630* Offered fall only. — 3 credits

0101 (48165) MWF.....11:00am-11:50am (MTH 0201) Syski, R.

STAT688A **Selected Topics in Probability; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-4 credits

STAT700 **Mathematical Statistics I; Grade Method: REG/AUD.** *Prerequisite: STAT 410 or equivalent* Offered fall only. — 3 credits

0101 (48184) MW..... 5:00pm- 6:15pm (MTH 0407) Smith, P.

STAT720 **Nonparametric Statistics; Grade Method: REG/AUD.** *Prerequisite: STAT 700 or equivalent.* — 3 credits

0101 (48194) MWF.....10:00am-10:50am (MTH 0201) Slud, E.

STAT740 **Analysis of Variance; Grade Method: REG/AUD.** *Prerequisite: STAT 700 or STAT 420* — 3 credits

0101 (48204) TuTh.....11:00am-12:15pm (MTH 0107) Fakre-Zakeri, I

STAT798A **Selected Topics in Statistics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-4 credits

STAT799 **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

STAT899 **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-8 credits

TEXT Textiles (Human Ecology)

TEXT298 (PermReq) **Special Topics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Majors only or permission of department.** — 1-3 credits

TEXT305 **Textile Materials: Evaluation and Characterization; Grade Method: REG/P-F/AUD.** *Prerequisite: TEXT 205* Majors only or permission of department. Last time course will be offered. — 3 credits

0101 (48505) MW..... 1:00pm- 1:50pm (CHM 0122) Grover, G.
M..... 2:00pm- 4:30pm (MMH 2201) Lab
0102 (48506) MW..... 1:00pm- 1:50pm (CHM 0122) Grover, G.
W..... 2:00pm- 4:30pm (MMH 2201) Lab

TEXT375 **Economics of the Textile and Apparel Industry; Grade Method: REG/P-F/AUD.** *Prerequisites: ECON 201, and ECON 203* Majors only or permission of department. Last time course will be offered. — 3 credits

0101 (48516) TuTh..... 2:00pm- 3:15pm (ARM 0119) STAFF

TEXT388 (PermReq) **Field Work and Analysis in Textiles; Grade Method: S-F. Limited to majors in textiles and consumer economics or permission of department.** — 3-12 credits

0101 (48526) Time and room to be arranged STAFF

TEXT400 **Research Methods; Grade Method: REG/P-F/AUD.** *Prerequisite: MATH 110 or MATH 115. Not open to students who have completed CNEC 400 or BMGT 230.* Majors only or permission of department. Last time course will be offered. — 3 credits

0101 (48536) MWF.....11:00am-11:50am (MMH 1304) Whittington, L.

TEXT420 **Apparel Design: Draping; Grade Method: REG/P-F/AUD.** *Prerequisites: APDS 101 or ARTT 100; and TEXT 222. Recommended: ARTT 110.* Course will not be offered again. Laboratory attendance is required. Majors only or permission of department. — 3 credits

0101 (48546) MW..... 8:00am-11:00am (MMH 2208) Lab Anderson, C.

TEXT425 (PermReq) **Advanced Apparel Design; Grade Method: REG/P-F/AUD.** *Prerequisites: APDS 101 or ARTT 100, TEXT 305 and TEXT 222.* Laboratory attendance is required. Majors only or permission of department. Course will not be offered again. — 3 credits

0101 (48556) TuTh..... 8:00am-11:00am (MMH 2208) Lab Anderson, C.

TEXT452 **Textile Science: Chemical Structures and Properties of Fibers; Grade Method: REG/P-F/AUD.** *Prerequisite: CHEM 104 or permission of department.* Last time course will be offered. — 3 credits

0101 (48566) TuTh..... 9:30am-10:30am (MMH 2401) Smith, B.
TuTh.....10:30am-12:30pm (MMH 2401) Lab

TEXT488 (PermReq) **Special Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Majors only or permission of department.** — 2-4 credits

THET Theatre (Arts and Humanities)

See also RTVF and SPCH.

THET110 **Introduction to the Theatre; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C: Literature and the Arts Course.** — 3 credits

0101 (48436) MW..... 9:00am- 9:50am (SKN 0200) Elam, H.
W.....10:00am-10:50am (TWS 0131) Dis
0102 (48437) MW..... 9:00am- 9:50am (SKN 0200) Elam, H.
W.....11:00am-11:50am (TWS 0131) Dis
0103 (48438) MW..... 9:00am- 9:50am (SKN 0200) Elam, H.
W.....12:00pm-12:50pm (ASY 3211) Dis
0104 (48439) MW..... 9:00am- 9:50am (SKN 0200) Elam, H.
W..... 1:00pm- 1:50pm (ASY 3211) Dis
0105 (48440) MW..... 9:00am- 9:50am (SKN 0200) Elam, H.
W..... 2:00pm- 2:50pm (TWS 0135) Dis
0106 (48441) MW..... 9:00am- 9:50am (SKN 0200) Elam, H.
W..... 3:00pm- 3:50pm (TWS 0135) Dis
0108 (48443) MW..... 9:00am- 9:50am (SKN 0200) Elam, H.
F..... 9:00am- 9:50am (ARC 1103) Dis
0109 (48444) MW..... 9:00am- 9:50am (SKN 0200) Elam, H.
F.....10:00am-10:50am (TWS 0131) Dis
0110 (48445) MW..... 9:00am- 9:50am (SKN 0200) Elam, H.
F.....11:00am-11:50am (TWS 0131) Dis
0111 (48446) MW..... 9:00am- 9:50am (SKN 0200) Elam, H.
F.....12:00pm-12:50pm (TWS 2228) Dis
0112 (48447) MW..... 9:00am- 9:50am (SKN 0200) Elam, H.
F..... 1:00pm- 1:50pm (TWS 2228) Dis

THET111 **Making Theatre: Art and Scholarship; Grade Method: REG/P-F/AUD.** *Prerequisite: THET 110 or permission of department.* — 3 credits

0101 (48457) TuTh..... 2:00pm- 3:15pm (TWS 0155) STAFF

THET120 (PermReq) **Acting I; Grade Method: REG/P-F/AUD.** *Prerequisite: THET 110 or permission of department.* Students must contact department before registration for appropriate section. — 3 credits

0101 (48467) TuTh.....11:00am-12:50pm (TWS 1228) Lab STAFF
0102 (48468) TuTh..... 1:00pm- 2:50pm (TWS 1228) Lab STAFF
0103 (48469) TuTh..... 3:00pm- 4:50pm (TWS 1228) Lab STAFF

THET170 **Stagecraft; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (48479) TuTh.....11:00am-11:50am (TWS 0241) Kriebs, D.
M..... 2:00pm- 5:00pm (TWS 0231) Lab
0102 (48480) TuTh.....11:00am-11:50am (TWS 0241) Kriebs, D.
Tu..... 2:00pm- 5:00pm (TWS 0231) Lab
0103 (48481) TuTh.....11:00am-11:50am (TWS 0241) Kriebs, D.
W..... 2:00pm- 5:00pm (TWS 0231) Lab
0104 (48482) TuTh.....11:00am-11:50am (TWS 0241) Kriebs, D.
Th..... 2:00pm- 5:00pm (TWS 0231) Lab

THET221 (PermReq) **Speech For the Stage; Grade Method: REG/P-F/AUD.** *Prerequisites: THET 120 and by audition and permission of department.* — 3 credits

0101 (48492) MW..... 1:00pm- 2:50pm (TWS 1228) Ufema, C.

THET310 **The American Theatre; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course.** — 3 credits

0101 (48502) MWF.....10:00am-10:50am (ASY 3221) Oleary, R.

THET320 (PermReq) **Acting II; Grade Method: REG/P-F/AUD.** *Prerequisites: THET 111, and THET 120, and by audition and permission of department* — 3 credits

0101 (48512) MW..... 9:00am-10:50am (TWS 0241) Hebert, M.

THET330 (PermReq) **Play Directing I; Grade Method: REG/P-F/AUD.** *Prerequisites: THET 111 and THET 120 and THET 170 and permission of department* — 3 credits

0101 (48522) TuTh..... 3:00pm- 4:50pm (TWS 0241) Ufema, C.

THET350 **American Musical Comedy; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (48532) MWF.....11:00am-11:50am (TWS 0241) Oleary, R.

THET375 (PermReq) **Scenic Design I; Grade Method: REG/P-F/AUD.** *Prerequisite: THET 273 or permission of department* — 3 credits

0101 (48542) MW..... 10:00am-11:50am (TWS 1208) STAFF

THET388 (PermReq) **Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

THET417 (PermReq) **Screenwriting for TV and Film I; Grade Method: REG/P-F/AUD.** *Prerequisite: ENGL 391 and permission of department* — 3 credits

0101 (48564) TuTh.....11:00am-12:15pm (TWS 2230) Coustaut, C.

THET420 (PermReq) **Acting III; Grade Method: REG/P-F/AUD.** *Prerequisites: THET 221 and THET 320 and by audition and permission of department* — 3 credits

0101 (48574) MW..... 1:00pm- 2:50pm (TWS 0241) Hebert, M.

THET429 (PermReq) **Actor's Studio; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

THET443 **Screenwriting for TV and Film II; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (48592) MW..... 1:00pm- 3:00pm (TWS 0138) Blum, R.

THET460 (PermReq) **Theatre Management I; Grade Method: REG/P-F/AUD.** *Prerequisites: THET 111 or permission of department.* — 3 credits

0101 (48602) TuTh..... 9:30am-10:45am (TWS 0154) Patterson, W.

THET473 (PermReq) **Scene Painting; Grade Method: REG/P-F/AUD.** *Prerequisite: THET 170 and permission of department.* — 3 credits

0101 (48622) F..... 1:00pm- 5:00pm (TWS 0231) STAFF

THET474 (PermReq) **Stage Management; Grade Method: REG/P-F/AUD.** *Prerequisite: permission of department* — 3 credits

0101 (48632) TuTh..... 9:00am-10:50am (TWS 1228) Kriebs, D.

THET478 (PermReq) **Lighting Design I; Grade Method: REG/P-F/AUD.** *Prerequisite: THET 273 or permission of department* — 3 credits

0101 (48642) TuTh..... 1:00pm- 2:50pm (TWS 1208) Wagner, D.

THET479 (PermReq) **Theater Workshop; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

THET480 **Stage Costume History and Design I; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (48656) MW..... 9:00am-10:50am (EDU 0114) Huang, H.

THET486 **Stage Costume Construction I; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (48666) TuTh..... 9:00am-11:50am (TWS 1208) Lab Anderson, C.

THET490 **History of the Theatre: Classical Antiquity to Mid-Seventeenth Century; Grade Method: REG/P-F/AUD.** *Prerequisites: THET 110 and THET 111 or permission of department* — 3 credits

0101 (48676) TuTh.....11:00am-12:15pm (TWS 0147) Schuler, C.

THET485 **History of Theatrical Theory and Criticism; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course.** — 3 credits

0101 (48686) TuTh.....12:30pm- 1:45pm (TWS 0138) Meersman, R.

THET496 **African-American Women Filmmakers; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course.** — 3 credits

0101 (48696) TuTh..... 2:00pm- 4:00pm (TWS 2154) Coustaut, C.

THET498 (PermReq) Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

THET498A (PermReq) Independent Study: Acting for the Camera; Grade Method: REG/P-F/AUD. Prerequisite: THET 320. 3 credits

0101 (48739) MW..... 4:00pm- 6:00pm (TWS 0241) Blum, R.

THET499D (PermReq) Independent Study: Non-Traditional Theatre; Grade Method: REG/P-F/AUD. 3 credits

0101 (48749) Tu..... 4:00pm- 6:30pm (TWS 0138) Elam, H.

THET499M (PermReq) Independent Study: Advanced Stage Make-up; Grade Method: REG/P-F/AUD. 3 credits

0101 (48759) MW.....10:00am-11:50am (TWS B023D) Lab Donnelly, D.

THET499W (PermReq) Independent Study: Professional Practices; Grade Method: REG/P-F/AUD. 3 credits

0101 (48769) TBA (TWS 1208) Wagner, D.

THET600 Introduction to Graduate Study in Theatre; Grade Method: REG/AUD. 3 credits

0101 (48801) M..... 4:00pm- 6:30pm (TWS 0154) Gillespie, P.

THET608 Seminar: Theatre Criticism; Grade Method: REG/AUD. 3 credits

0101 (48811) Th..... 4:00pm- 6:30pm (TWS 0154) Elam, H.

THET617 (PermReq) Screenwriting I; Grade Method: REG/AUD. *Prerequisite: permission of department.* 3 credits

0101 (48821) TuTh.....11:00am-12:15pm (TWS 2230) Coustaut, C.

THET699 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET861 Theory of Visual Design in Costuming; Grade Method: REG. 3 credits

0101 (48842) M..... 4:00pm- 6:30pm (TWS 1208) Huang, H.

THET898D Seminar: Theatre History: Non-Traditional Theatre; Grade Method: REG/AUD. 3 credits

0101 (48852) Tu..... 4:00pm- 6:30pm (TWS 0138) Elam, H.

THET700 Introduction to Doctoral Studies in Theatre; Grade Method: REG/AUD. *Prerequisite admission to the Ph.D. program in theatre. Formerly PCOM 700.* 3 credits

0101 (48862) M..... 4:00pm- 6:30pm (TWS 0154) Gillespie, P.

THET712 (PermReq) Advanced Historical/Critical Methods in Theatre Research; Grade Method: REG/AUD. *Prerequisites: THET 711, and permission of department. Formerly PCOM 712.* 3 credits

0101 (48872) Tu..... 4:00pm- 6:30pm (TWS 0154) Gillespie, P.

THET788 Master's Tutorial; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1 credit

THET788A Master's Tutorial: Theatre Tutorial; Grade Method: REG/AUD. 1 credit

1301 (48893) M..... 4:00pm- 5:00pm (TWS 0154) Gillespie, P.

THET799 (PermReq) Master's Practicum; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

THET799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

THET888 (PermReq) Doctoral Practicum in Theatre; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 3-9 credits

THET898 (PermReq) Doctoral Tutorial in Theatre; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

THET899 (PermReq) Doctoral Dissertation Research; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

TXCE Textiles and Consumer Economics (Human Ecology)

TXCE808 (PermReq) Special Problems; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

TXCE898 (PermReq) Research Seminar; Grade Method: S-F. 1 credit

0101 (49004) M..... 4:00pm- 4:50pm (MMH 1304) Yeh, K.

TXCE799 (PermReq) Non-Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

TXCE799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

TXCE899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

UMEI Maryland English Institute (Arts and Humanities)

UMEI001 (PermReq) English as a Foreign Language: Beginning; Grade Method: S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. 12 credits

0101 (49104) MTuWThF... 9:00am-10:00am (COL 3114) STAFF
MWF.....11:00am-12:00pm (ARM 0117)
TuTh.....11:00am-12:00pm (COL 3114)

0201 (49105) MWF..... 1:00pm- 3:00pm (ARM 0117) STAFF
TuTh..... 1:00pm- 3:00pm (JMZ 1215)

UMEI002 (PermReq) English as a Foreign Language: Intermediate I; Grade Method: S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. 12 credits

0101 (49115) MWF..... 9:00am-11:00am (CHE 2118) STAFF
TuTh..... 9:00am-11:00am (WDS 1127)
MWF.....11:00am-12:00pm (CHE 2136)
TuTh.....11:00am-12:00pm (ARM 0103)
MTuWThF... 2:00pm- 3:00pm (HZF 1101)

0201 (49116) MWF..... 9:00am-11:00am (EGR 0104) STAFF
TuTh..... 9:00am-11:00am (JMZ 2206)
MWF.....11:00am-12:00pm (EGR 1124)
TuTh.....11:00am-12:00pm (HBK 1116)
MTuWThF... 2:00pm- 3:00pm (JMZ 2120)

UMEI003 (PermReq) English as a Foreign Language: Intermediate II; Grade Method: S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. 12 credits

0101 (49126) MTuWThF...10:00am-12:00pm (ARM 0108) STAFF
MW..... 1:00pm- 3:00pm (ARM 0118)
TuTh..... 1:00pm- 3:00pm (ARM 0103)
F..... 1:00pm- 3:00pm (ARM 0108)

0201 (49127) MWF.....10:00am-12:00pm (COL 3114) STAFF
MWF..... 1:00pm- 3:00pm (COL 3114)
TuTh.....10:00am-12:00pm (ARC 1121)
TuTh..... 1:00pm- 3:00pm (ARM 0101)
F..... 1:00pm- 3:00pm (ARM 0108)

UMEI004 (PermReq) English as a Foreign Language: Intermediate III; Grade Method: S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. 12 credits

0101 (49137) MWF..... 9:00am-11:00am (THS 2212) STAFF
MW..... 1:00pm- 3:00pm (DNC 1139B)
Tu..... 9:00am-11:00am (WDS 1130)
Th..... 9:00am-11:00am (WDS 1130)
F..... 1:00pm- 3:00pm (DNC 1139B)

0201 (49138) MWF..... 9:00am-11:00am (ARM 0117) STAFF
TuTh..... 9:00am-11:00am (JMZ 2102)
MWF..... 1:00pm- 3:00pm (DNC 1147A)
TuTh..... 1:00pm- 3:00pm (JMZ 2102)

UMEI005 (PermReq) Advanced English as a Foreign Language; Grade Method: S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. 6 credits

0301 (49148) MWF.....10:00am-12:00pm (THS 2230) STAFF
TuTh.....10:00am-12:00pm (JRN 1103)

0401 (49149) MWF..... 1:00pm- 3:00pm (TYD 1136) STAFF
TuTh..... 1:00pm- 3:00pm (HBK 0117)

0501 (49150) MWF..... 8:00am-10:00am (JMZ 1226) STAFF
TuTh..... 8:00am-10:00am (JMZ 1117)

0601 (49151) MWF..... 9:00am-11:00am (ARM 0116) STAFF
TuTh..... 9:00am-11:00am (JRN 1101)

UMEI005A (PermReq) Advanced English as a Foreign Language; Grade Method: S-F. For foreign graduate teaching assistants. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. 6 credits

0101 (49161) MTuWThF... 1:00pm- 3:00pm (Arranged) STAFF

UMEI006 English Pronunciation; Grade Method: S-F. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is charged for this course. See financial section in Schedule of Classes for information. 1 credit

0101 (49171) W..... 3:00pm- 5:00pm (JMZ 2122) STAFF
0201 (49172) W..... 3:00pm- 5:00pm (JMZ 0120) STAFF

UMEI007 Advanced Writing for International Students; Grade Method: S-F. *Open to both graduate and undergraduate students. Special fee. This course does not carry credit towards any degree at the University and does not count in the retention plan.* 3 credits

0101 (49182) TuTh..... 3:00pm- 5:00pm (TLF 2108) Kameras, B.

UMEI008 Advanced Oral Communication Skills; Grade Method: S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. 1 credit

0101 (49192) TuTh..... 2:00pm- 4:00pm (ARC 1127) STAFF

URSP Urban Studies and Planning (Architecture)

URSP320 The Social and Technological City; Grade Method: REG/AUD. CORE Advanced Studies Social and Ethical Problems Course. *Prerequisite: URSP 240. Credit will be granted for only one of the following: URSP 320, URBS 220, or URBS 320. Formerly URBS 300.* 3 credits

0101 (49242) TuTh.....11:00am-12:15pm (LEF 1222) Cohen, J.

URSP397H (PermReq) Honors Independent Reading; Grade Method: REG. *Prerequisite: admission to honors program in URSP or other departments. Formerly URBS 397.* 3 credits

0101 (49252) Time and room to be arranged STAFF

URSP399I (PermReq) Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

URSP401 Seminar in Urban Problems and Policy; Grade Method: REG/AUD. *Prerequisite: URSP 320 Senior standing. For URSP majors only. Formerly URBS 401.* 3 credits

0101 (49273) TuTh..... 9:30am-10:45am (LEF 1210) Levin, M.

URSP410 (PermReq) The Development of the American City; Grade Method: REG/P-F/AUD. *Prerequisite: permission of department. Formerly URBS 410.* 3 credits

0101 (49283) TuTh.....12:30pm- 1:45pm (LEF 1222) Levin, M.

URSP425 Planning Housing Environments for an Aging Society; Grade Method: REG/P F/AUD. 3 credits

0101 (49293) TuTh..... 2:00pm- 3:15pm (TYD 1101) Chen, A.

URSP438 (PermReq) Urban Honors Internship; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

URSP475 Decision Making; Grade Method: REG/P-F/AUD. 3 credits

0101 (49313) Th..... 4:00pm- 6:30pm (TYD 2106) Hanna, W.

URSP488A Selected Topics in Urban Studies and Planning: Computer Mapping; Grade Method: REG/P-F/AUD. 3 credits

0101 (49323) M..... 3:30pm- 5:30pm (LEF 2208) Thompson, D.
W..... 3:30pm- 5:00pm (LEF 2208) Lab

0102 (49324) M..... 3:30pm- 5:30pm (LEF 2208) Thompson, D.
W..... 5:00pm- 6:30pm (LEF 2208) Lab

URSP488J (PermReq) Selected Topics in Urban Studies and Planning: Introduction to Urban Planning; Grade Method: REG/P-F/AUD. 3 credits

0101 (49345) TuTh.....12:30pm- 1:45pm (ARC 1101) Fogle, D.

URSP488S Selected Topics in Urban Studies and Planning: Social Geography of Metropolitan Areas; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. 3 credits

0101 (49355) MW.....10:00am-11:15am (LEF 1222) Christian, C.

URSP499H (PermReq) Honors Thesis; Grade Method: REG/P-F/AUD. Prerequisite: admissions to honors program in URSP or other departments. 3-6 credits

0101 (49365) Time and room to be arranged STAFF

URSP802 Research Design and Applications; Grade Method: REG/AUD. *Prerequisite: computer literacy. Formerly URBS 602.* 3 credits

0101 (49375) M..... 7:00pm- 9:30pm (LEF 2208) Hanna, W.

URSP803 Land Use Planning: Concepts and Techniques; Grade Method: REG/AUD. *Credit will be granted for only one of the following: URSP 603, URBS 680 or URBS 603. Formerly URBS 603.* 3 credits

0101 (49385) M..... 4:00pm- 6:30pm (LEF 1220) Brower, S.

URSP804 The Planning Process; Grade Method: REG/AUD. 3 credits

Credit will be granted for only one of the following: URSP 604, URBS 656 or URBS 604. Formerly URBS 604.

0101 (49395) M..... 7:00pm- 9:30pm (LEF 1220) Baum, H.

URSP610 Urban Demographic Analysis; Grade Method: REG/AUD. *Prerequisite: URSP 601. Credit will be granted for only one of the following: URSP 610, URBS 640 or URBS 610. Formerly URBS 610.* 3 credits

0101 (49405) M..... 7:00pm- 9:30pm (LEF 1201) Christian, C.

URSP620 Introduction to Housing, Planning, and Policy; Grade Method: REG/AUD. 3 credits

0101 (49415) Th..... 4:00pm- 6:30pm (LEF 1222) Chen, A.

URSP661 City and Regional Economic Development Planning; Grade Method: REG/AUD. *Prerequisite: URSP 606 or URSP 660. Credit will be granted for only one of the following: URSP 661, URBS 440 or URBS 661. Formerly URBS 661.* 3 credits

0101 (49425) Th..... 7:00pm- 9:30pm (LEF 1222) Howland, M.

URSP673 Social Planning; Grade Method: REG/AUD. *Prerequisite: URSP 604 or permission of instructor. Credit will be granted for only one of the following: URSP 673, URBS 683, or URBS 673. Formerly URBS 673.* 3 credits

0101 (49435) W..... 4:00pm- 6:30pm (LEF 1201) Baum, H.

URSP688B Recent Developments in Urban Studies: Planning History and Theory; Grade Method: REG/AUD. 3 credits

0101 (49445) Tu..... 7:00pm- 9:30pm (LEF 1220) Cohen, J.

URSP704 (PermReq) Community Planning Studio; Grade Method: REG/AUD. *Prerequisites: URSP 603, and permission of instructor. For MCP majors only. Formerly URBS 704.* 5 credits

0101 (49455) TuTh..... 9:00am- 5:00pm (Arranged) Brower, S.

URSP788 (PermReq) Independent Study in Urban Studies and Planning; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

URSP798 (PermReq) Readings in Urban Studies and Planning; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

URSP799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

WMST Women's Studies (Arts and Humanities)

WMST200 Introduction to Women's Studies: Women and Society; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. CORE Cultural Diversity Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. WMST 200 (or WMST 250) is a prerequisite for WMST 400. 3 credits

0101 (49541) MW.....11:00am-11:50am (COL 3111) Bolles, A.
Time and room to be arranged Dis
0201 (49542) TuTh.....11:00am-12:15pm (COL 3111) Moses, C.

WMST250 Introduction to Women's Studies: Women, Art and Culture; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course. WMST 250 (or WMST 200) is a prerequisite for WMST 400. 3 credits

0101 (49552) MW..... 1:00pm- 2:15pm (HBK 0123) Povsil, M.
0201 (49553) TuTh.....11:00am-12:15pm (PHY 1402) Patton, S.
0301 (49554) TuTh..... 2:00pm- 3:15pm (CHM 0127) Patton, S.
0401 (49555) TuTh..... 9:30am-10:45am (HBK 0123) STAFF

WMST350 (PermReq) Feminist Education Practicum; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. Corequisite: WMST 351.* 3 credits

WMST351 (PermReq) Feminist Education Analysis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. Corequisite: WMST 350.* 3 credits

WMST400 Theories of Feminism; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. *Prerequisite: WMST 200 or WMST 250.* 3 credits

0101 (49581) TuTh.....11:00am-12:15pm (HBK 0123) Kim, S.
0201 (49582) TuTh..... 2:00pm- 3:15pm (HBK 0115) Pratt, M.

WMST490 Feminist Reconceptualizations; Grade Method: REG/P-F/AUD. *Prerequisite: WMST 200 or WMST 250; and WMST 400.* 3 credits

0101 (49592) Tu..... 4:00pm- 6:30pm (ZOP 1228) King, K.

WMST488A (PermReq) Special Topics in Women's Studies: East Asian Women; Grade Method: REG/AUD. Prerequisite: WMST 200 or WMST 250 or permission of instructor 3 credits

0101 (49602) MW..... 2:00pm- 3:15pm (ARM 0119) Kim, S.

WMST488E Special Topics in Women's Studies: Women Writers in the Arab World; Grade Method: REG/P-F/AUD. 3 credits

0101 (49612) W..... 2:00pm- 4:30pm (SCP 1119) Cohen-Mor, D.

WMST498F Special Topics in Women's Studies: Women in Early Modern Europe and the Baroque Era; Grade Method: REG/P-F/AUD. Prerequisite: one history class or one literature class of the Early Modern Period. 3 credits

0101 (49622) W..... 2:00pm- 4:30pm (HBK 0117) Becker-Cantarin

WMST488K Special Topics in Women's Studies: Literature by Women Before 1800; Grade Method: REG/P-F/AUD. 3 credits

0101 (49632) MWF.....10:00am-10:50am (KEY 0126) Donawerth, J.

WMST498W (PermReq) Special Topics in Women's Studies: Feminism and Writing Technologies; Grade Method: REG/P-F/AUD. Prerequisite: permission of instructor. 3 credits

0101 (49642) W..... 4:30pm- 7:00pm (MIL 1106) King, K.

WMST499 (PermReq) Independent Study; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

WMST811 Power, Gender, and the Spectrum of Difference; Grade Method: REG/AUD. *Prerequisite: WMST 400 or permission of department.* 3 credits

0101 (49659) M..... 4:00pm- 6:30pm (MIL 1106) Dill, B.

WMST821 Women's Studies Across the Disciplines; Grade Method: REG/AUD. *Prerequisite: WMST 400 or permission of department.* 3 credits

0101 (49669) Tu..... 2:00pm- 4:30pm (HBK 1112) Rosenfelt, D.

WMST898A (PermReq) Special Topics in Women's Studies: East Asian Women; Grade Method: REG/AUD. Prerequisite: permission of instructor. 3 credits

0101 (49679) MW..... 2:00pm- 3:15pm (ARM 0119) Kim, S.

WMST898W (PermReq) Special Topics in Women's Studies: Feminism and Writing Technologies; Grade Method: REG/AUD. Prerequisite: permission of instructor. 3 credits

0101 (49689) W..... 4:30pm- 7:00pm (MIL 1106) King, K.

WMST899 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ZOOL Zoology (Life Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

ZOOL201 Human Anatomy and Physiology I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. *Prerequisite: BIOL 105 or equivalent.* Professor-in-charge:Payne. Laboratory supervisor:Spalding. — 4 credits

0101 (49755) MWF..... 9:00am- 9:50am (ZOP 1240) — Payne, R.
M.....10:00am- 1:00pm (ZOP 0205) Lab
0102 (49756) MWF..... 9:00am- 9:50am (ZOP 1240) — Payne, R.
M..... 1:00pm- 4:00pm (ZOP 0205) Lab
0103 (49757) MWF..... 9:00am- 9:50am (ZOP 1240) — Payne, R.
M..... 4:00pm- 7:00pm (ZOP 0205) Lab
0104 (49758) MWF..... 9:00am- 9:50am (ZOP 1240) — Payne, R.
Tu..... 8:00am-11:00am (ZOP 0205) Lab
0105 (49759) MWF..... 9:00am- 9:50am (ZOP 1240) — Payne, R.
Tu.....11:00am- 2:00pm (ZOP 0205) Lab
0106 (49760) MWF..... 9:00am- 9:50am (ZOP 1240) — Payne, R.
Tu..... 2:00pm- 5:00pm (ZOP 0205) Lab
0107 (49761) MWF..... 9:00am- 9:50am (ZOP 1240) — Payne, R.
W.....10:00am- 1:00pm (ZOP 0205) Lab
0108 (49762) MWF..... 9:00am- 9:50am (ZOP 1240) — Payne, R.
W..... 1:00pm- 4:00pm (ZOP 0205) Lab
0110 (49763) MWF..... 9:00am- 9:50am (ZOP 1240) — Payne, R.
Th.....11:00am- 2:00pm (ZOP 0205) Lab
0111 (49764) MWF..... 9:00am- 9:50am (ZOP 1240) — Payne, R.
Th..... 2:00pm- 5:00pm (ZOP 0205) Lab
0112 (49765) MWF..... 9:00am- 9:50am (ZOP 1240) — Payne, R.
F.....10:00am- 1:00pm (ZOP 0205) Lab
0113 (49766) MWF..... 9:00am- 9:50am (ZOP 1240) — Payne, R.
F..... 2:00pm- 5:00pm (ZOP 0205) Lab

ZOOL210 Animal Diversity; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisite: BIOL 106* — 4 credits

0102 (49776) TuTh..... 9:30am-10:45am (ZOP 1240) — Kent, B.
M.....11:00am- 2:00pm (ZOP 0257) Lab
0103 (49777) TuTh..... 9:30am-10:45am (ZOP 1240) — Kent, B.
M..... 2:00pm- 5:00pm (ZOP 0257) Lab
0105 (49778) TuTh..... 9:30am-10:45am (ZOP 1240) — Kent, B.
Tu..... 2:00pm- 5:00pm (ZOP 0257) Lab
0107 (49780) TuTh..... 9:30am-10:45am (ZOP 1240) — Kent, B.
W.....11:00am- 2:00pm (ZOP 0257) Lab
0108 (49781) TuTh..... 9:30am-10:45am (ZOP 1240) — Kent, B.
W..... 2:00pm- 5:00pm (ZOP 0257) Lab
0109 (49782) TuTh..... 9:30am-10:45am (ZOP 1240) — Kent, B.
Th.....11:00am- 2:00pm (ZOP 0257) Lab

ZOOL211 Cell Biology and Physiology; Grade Method: REG/P-F/AUD. *Prerequisites: BIOL 105, and CHEM 103.* — 4 credits

0101 (49792) MWF..... 3:00pm- 3:50pm (ZOP 1240) — STAFF
M.....12:00pm- 3:00pm (ZOP 0283) Lab
0102 (49793) MWF..... 3:00pm- 3:50pm (ZOP 1240) — STAFF
M..... 6:00pm- 9:00pm (ZOP 0283) Lab
0103 (49794) MWF..... 3:00pm- 3:50pm (ZOP 1240) — STAFF
Tu..... 9:00am-12:00pm (ZOP 0283) Lab
0104 (49795) MWF..... 3:00pm- 3:50pm (ZOP 1240) — STAFF
Tu..... 2:00pm- 5:00pm (ZOP 0283) Lab
0105 (49796) MWF..... 3:00pm- 3:50pm (ZOP 1240) — STAFF
Tu..... 6:00pm- 9:00pm (ZOP 0283) Lab
0106 (49797) MWF..... 3:00pm- 3:50pm (ZOP 1240) — STAFF
W..... 8:00am-11:00am (ZOP 0283) Lab
0107 (49798) MWF..... 3:00pm- 3:50pm (ZOP 1240) — STAFF
W.....12:00pm- 3:00pm (ZOP 0283) Lab
0108 (49799) MWF..... 3:00pm- 3:50pm (ZOP 1240) — STAFF
M..... 6:00pm- 9:00pm (ZOP 0283) Lab
0109 (49800) MWF..... 3:00pm- 3:50pm (ZOP 1240) — STAFF
Th..... 9:00am-12:00pm (ZOP 0283) Lab
0110 (49801) MWF..... 3:00pm- 3:50pm (ZOP 1240) — STAFF
Th..... 2:00pm- 5:00pm (ZOP 0283) Lab
0111 (49802) MWF..... 3:00pm- 3:50pm (ZOP 1240) — STAFF
F..... 9:00am-12:00pm (ZOP 0283) Lab

ZOOL299 (PermReq) Supplemental Study in Zoology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ZOOL299A Supplemental Study in Zoology: Deep Sea Sharks and Sea Monsters; Grade Method: REG/P-F/AUD. — 1 credit

0101 (49844) M..... 2:00pm- 3:00pm (ZOP 1240) — Clark, E.

ZOOL301 Biological Issues and Scientific Evidence; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: BIOL 105* — 3 credits

0101 (49854) TuTh..... 5:00pm- 6:15pm (ZOP 1243) — Stephan, M.

ZOOL308H Honors Seminar; Grade Method: REG/P-F/AUD. — 1 credit

0101 (49864) Th..... 4:15pm- 5:15pm (ZOP 2277) — Palmer, M.

ZOOL309H (PermReq) Honors Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: participation in honors program. — 1-4 credits

ZOOL318H (PermReq) Honors Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: participation in honors program. — 1-2 credits

ZOOL319 (PermReq) Special Problems in Zoology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: major in zoology or biological sciences, G.P.A. of 3.00 in biological sciences, permission of instructor and department. — 1-2 credits

ZOOL322 Genetics Laboratory; Grade Method: REG/P-F/AUD. — 2 credits

0101 (49970) W..... 8:00am-11:00am (ZOP 0201) — Barnett, A.
Time and room to be arranged Lab
0201 (49971) Tu..... 8:00am-11:00am (ZOP 0201) — Barnett, A.
Time and room to be arranged Lab

ZOOL328B (PermReq) Selected Topics in Zoology: Chesapeake Bay Lab; Grade Method: REG/P-F/AUD. Saturday field trip. Acceptable toward biological science areas: marine biology, ecology evolution and behavior, zoology, and biological science general. — 2 credits

2801 (49981) TuTh..... 1:00pm- 4:00pm (ZOP 0207) Lab — Small, E.

ZOOL328D Selected Topics in Zoology: Special Problems in Zoology: Cell Biology Lecture; Grade Method: REG/P-F/AUD. Prerequisites: ZOOL 211 and CHEM 233 or permission of department. Acceptable toward biological science areas: physiology neurobiology, zoology and biological science general. — 3 credits

0101 (49991) MWF.....10:00am-10:50am (ZOP 1243) — Goode, M.

ZOOL328K Selected Topics in Zoology: Advanced Developmental Molecular Biology; Grade Method: REG/P-F/AUD. Prerequisite: ZOOL 446. Acceptable toward biological science areas: physiology and neurobiology, zoology and biological science general. — 3 credits

0101 (50001) TuTh.....11:00am-12:15pm (ZOP 1228) — Tanda, S.

ZOOL328R Selected Topics in Zoology: Neuropharmacology of Psychoactive Drugs; Grade Method: REG/P-F/AUD. Prerequisite: ZOOL 211. Credit will be granted for only one of the following: ZOOL 328R or ZOOL 323. Acceptable toward biological science areas: physiology, neurobiology, zoology and biological science general. — 3 credits

0101 (50011) TuTh..... 2:00pm- 3:15pm (ZOP 1236) — Presson, J.

ZOOL328Z (PermReq) Selected Topics in Zoology: Field Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Cannot be used as credit toward the ZOOL or BIOL major requirements, except by permission. — 1-3 credits

ZOOL368 Laboratory Techniques in Behavioral Endocrinology: Behavioral Endocrinology Lab; Grade Method: REG/P-F/AUD. — 2-4 credits

0101 (50052) Time and room to be arranged Lab — Carter-Porges,

ZOOL381 Natural History of the Chesapeake Bay; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: a course in biological sciences or permission of department.* — 3 credits

0101 (50062) MWF.....12:00pm-12:50pm (ZOP 1240) — Small, E.

ZOOL411 Cell Biology; Grade Method: REG/P-F/AUD. *Prerequisites: ZOOL 211; and CHEM 233 or permission of department.* — 4 credits

0101 (50072) MWF.....10:00am-10:50am (ZOP 1245) — Goode, M.
Tu..... 1:00pm- 4:00pm (ZOP 2271) Lab
0102 (50073) MWF.....,10:00am-10:50am (ZOP 1243) — Goode, M.
W..... 1:00pm- 4:00pm (ZOP 2271) Lab
0103 (50074) MWF.....10:00am-10:50am (ZOP 1243) — Goode, M.
Th..... 1:00pm- 4:00pm (ZOP 2271) Lab

ZOOL422 Vertebrate Physiology; Grade Method: REG/P-F/AUD. *Prerequisite: ZOOL 211 and one semester of organic chemistry or permission of department.* — 4 credits

0101 (50084) MWF..... 8:00am- 8:50am (ZOP 1240) — Higgins, W.
M..... 2:00pm- 5:00pm (ZOP 2223) Lab
0102 (50085) MWF..... 8:00am- 8:50am (ZOP 1240) — Higgins, W.
Tu..... 2:00pm- 5:00pm (ZOP 2223) Lab
0103 (50086) MWF..... 8:00am- 8:50am (ZOP 1240) — Higgins, W.
Th..... 2:00pm- 5:00pm (ZOP 2223) Lab
0104 (50087) MWF..... 8:00am- 8:50am (ZOP 1240) — Higgins, W.
Th..... 9:00am-12:00pm (ZOP 2223) Lab
0106 (50088) MWF..... 8:00am- 8:50am (ZOP 1240) — Higgins, W.
W..... 9:00am-12:00pm (ZOP 2223) Lab
0107 (50089) MWF..... 8:00am- 8:50am (ZOP 1240) — Higgins, W.
W..... 2:00pm- 5:00pm (ZOP 2223) Lab
0109 (50090) MWF..... 8:00am- 8:50am (ZOP 1240) — Higgins, W.
M..... 9:00am-12:00pm (ZOP 2223) Lab
0110 (50091) MWF..... 8:00am- 8:50am (ZOP 1240) — Higgins, W.
Tu..... 9:00am-12:00pm (ZOP 2223) Lab
0112 (50092) MWF..... 8:00am- 8:50am (ZOP 1240) — Higgins, W.
F..... 9:00am-12:00pm (ZOP 2223) Lab
0113 (50093) MWF..... 8:00am- 8:50am (ZOP 1240) — Higgins, W.
F..... 2:00pm- 5:00pm (ZOP 2223) Lab

ZOOL440 Evolution; Grade Method: REG/P-F/AUD. *Prerequisites: BIOL 106, and BIOL 222.* — 3 credits

0101 (50103) TuTh..... 9:30am-10:45am (ZOP 1234) — Chao, L.

ZOOL448 Molecular Genetics; Grade Method: REG/P-F/AUD. *Prerequisites: a course in genetics (e.g. BIOL 222) and CHEM 233.* — 3 credits

0101 (50113) TuTh.....11:00am-12:15pm (ZOP 2283) — Imberski, R.

ZOOL455H General Immunology; Grade Method: REG/P-F/AUD. *Prerequisites: ZOOL 211, BIOL 222. Credit will be granted for only one of the following: ZOOL 455 and MICB 450.* Prerequisites: BIOL 105, BIOL 222, and ZOOL 211. Enrollment in college or departmental honors, or permission of instructor. — 3 credits

0101 (50123) Tu..... 4:00pm- 6:30pm (ZOP 1238) — Potter, M.

ZOOL468 Experimental Behavioral Endocrinology; Grade Method: REG/P-F/AUD. — 2 credits

0101 (50133) Time and room to be arranged Lab — Carter-Porges,

ZOOL470 Advanced Animal Ecology; Grade Method: REG/P-F/AUD. *Prerequisites: BIOL 106, and MATH 220; and a course in statistics.* — 2 credits

0101 (50143) MW..... 9:00am- 9:50am (ZOP 1238) — Gill, D.

ZOOL471 Laboratory and Field Ecology; Grade Method: REG/P-F/AUD. *Pre- or corequisite: ZOOL 470.* — 2 credits

0101 (50153) F..... 1:00pm- 5:00pm (ZOP 0275) Lab — STAFF
0102 (50154) Th..... 1:00pm- 5:00pm (ZOP 0275) Lab — STAFF

ZOOL473 Marine Ecology; Grade Method: REG/P-F/AUD. *Prerequisite: ZOOL 210.* — 3 credits

0101 (50164) TuTh.....11:00am-12:15pm (ZOP 1238) — Reska-Kudla, M.

ZOOL481 The Biology of Marine and Estuarine Invertebrates; Grade Method: REG/P-F/AUD. *Prerequisite: one year of zoology including ZOOL 210 or equivalent.* — 4 credits

0101 (50174) MW.....10:00am-10:50am (ZOP 1252) — Pierce, S.
MW..... 1:00pm- 4:00pm (ZOP 0263) Lab

ZOOL808L (PermReq) Zoology Seminar: Conservation Biology; Grade Method: REG/AUD. — 1 credit

4701 (50184) Time and room to be arranged Dis — Dietz, J.

ZOOL808Q Zoology Seminar: Protozoology; Grade Method: REG/AUD. — 1 credit

2801 (50194) Time and room to be arranged — Small, E.

ZOOL808S Zoology Seminar: Assembly of Biomembranes; Grade Method: REG/AUD. — 1 credit

0101 (50204) M.....12:00pm- 1:00pm (MCB 2119) — Ades, I.

ZOOL809 Special Problems in Zoology; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number. — 1-6 credits

ZOOL822 Membrane Transport Phenomena; Grade Method: REG/AUD. *Prerequisites: ZOOL 422 or equivalent training in physiology, and knowledge of calculus, or permission of instructor.* — 3 credits

0101 (50246) TuTh..... 5:00pm- 6:15pm (ZOP 1230) — Colombini, M.

ZOOL840 Population Genetics; Grade Method: REG/AUD. *Prerequisite: a course in genetics.* — 4 credits

0101 (50256) TuTh..... 9:30am-10:45am (ZOP 1232) — Highton, R.
Time and room to be arranged Lab

ZOOL708A Advanced Topics in Zoology: Cell Biology Lecture; Grade Method: REG/AUD. — 3 credits

0101 (50266) MWF.....10:00am-10:50am (ZOP 1245) — Goode, M.

ZOOL708C Advanced Topics in Zoology: Neuroscience; Grade Method: REG/AUD. — 4 credits

0101 (50276) TuTh..... 9:30am-10:45am (MCB 1207) — Cohen, A.
TuTh..... 8:00am- 9:15am (MCB 1207) Dis

ZOOL708K Advanced Topics in Zoology: Advanced Developmental Molecular Biology; Grade Method: REG/AUD. Prerequisite: ZOOL 446. — 3 credits

0101 (50286) TuTh.....11:00am-12:15pm (ZOP 1228) — Tanda, S.

ZOOL708N (PermReq) Advanced Topics in Zoology: Membrane Physiology; Grade Method: REG/AUD. — 1 credit

3401 (50296) Time and room to be arranged — Colombini, M.

ZOOL708Q Advanced Topics in Zoology: Protozoology; Grade Method: REG/AUD. — 1 credit

0101 (50306) Time and room to be arranged — Small, E.

ZOOL708U Advanced Topics in Zoology: Advanced Topics in Zoology: Neuroendocrinology; Grade Method: REG/AUD. Course is team taught by Dr. Mary Ann Ottinger and Dr. Sue Carter-Porges. — 1-2 credits

0101 (50316) Tu..... 1:00pm- 4:00pm (ZOP 1230) — Ottinger, M.

ZOOL799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ZOOL899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

Tentative Schedule

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00						
8:30						
9:00						
9:30						
10:00						
10:30						
11:00						
11:30						
12:00						
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3:30						
4:00						
4:30						
5:00						
5:30						

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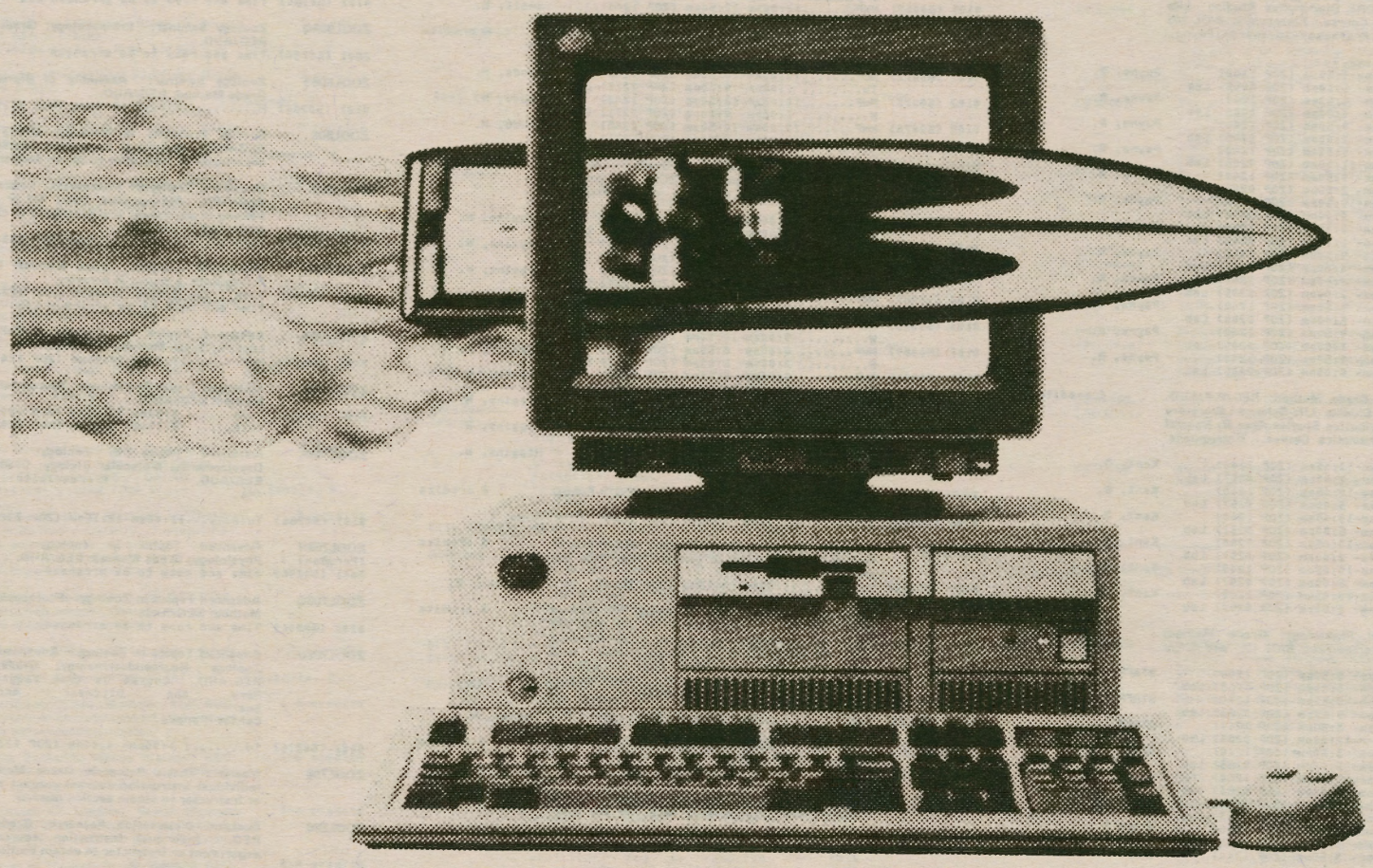

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Career Center
WORKSHOPS, PROGRAMS AND SERVICES

WORKSHOPS

Workshops are intended to help you plan your education or career and to prepare you for a job search. They are scheduled throughout the semester. These group experiences are especially valuable for the opportunity to share ideas and experiences with other career planners and job seekers. You will learn valuable skills for managing your educational and career plans and for finding your place in the job market.

Choosing A Major

Primarily for undecided students concerned about choosing a major, these workshops focus on more than one hundred majors and programs, methods for exploring options and making the decisions that are best for you. If you need help generating ideas or if you are trying to decide from among several majors, these workshops are for you. They are cooperatively sponsored with the Division of Letters & Sciences. Pre-registration required. For more information, telephone 314-8418.

Resume Writing

This workshop will give an overview of the purposes and uses of your resume. Topics covered will include what to put in and what to leave out, style, format and length of resumes, and how to write effective cover letters.

Monday, March 29, 12:00-1:30 pm, 0117 Hornbake-South

Finding Federal Government Employment

Perplexed about finding a job in the federal government? In this workshop you will learn how to determine the positions for which you are eligible, procedures for taking the entry-level ACWA exam, how to locate vacancies, and other useful job search strategies.

Tuesday, April 20, 3:30-5:00 pm, 0103 Hornbake-South

Creative Job Search Strategies

Don't let the job search manage you; learn how to manage your job search. Through participation in this workshop you will learn how to use multiple job search strategies including networking, On-Campus Recruiting, direct mail campaigns, and job fairs. Learn how to organize your efforts to make the most of your job search.

Wednesday, March 24, 12:00-1:30 pm, 0117 Hornbake-South
Wednesday, April 7, 3:30-5:00 pm, 0117 Hornbake-South
Thursday, April 15, 12:00-1:30 pm, 0125 Hornbake-South
Thursday, April 27, 3:30-5:00 pm, 0103 Hornbake-South

From Backpack to Briefcase: Making the Transition fromCollege Life to the Work World

Finding a job is only the beginning. It is also important to make sure you are prepared for making the change from the role of student to full time worker. Learn how to determine whether your expectations match reality and how to avoid the pitfalls new employees sometime fall into. Learn how to better understand and adjust to your new corporate culture.

Wednesday, April 21, 12:00-1:30 pm, 0109 Hornbake-South
Thursday, April 29, 5:00-6:30pm, 1307 MPA

Experiential Learning Programs (ELP) offer a number of learning opportunities that encourage students to test classroom learning in work situations, explore career possibilities by direct participation, learn about the culture and people of an organization, geographic area, or academic environment, and enhance their personal development through work and academic travel. Call 405-3956 for schedule of workshops for Cooperative Education (Co-Op), Internships and National Student Exchange (NSE).

Cooperative Education (Co-op)

This two part workshop series allows students to learn about a unique educational opportunity which combines academic study with professional work experience. Topics covered include orientation to co-op, resume writing, interviewing and job search strategies.

Finding an Internship

This workshop will address the resources to use when looking for internships, procedures for contacting internship sites and options for receiving academic credit. Students will learn how to use the more than 1,000 computerized listings available in the ELP office.

PROGRAMS, COURSES & SERVICES

MAASCUS Teacher Interviewing Consortium - April 19th & 20th, 1993

This event is an excellent opportunity for graduating K-12 teacher candidates to investigate a variety of employment opportunities in the field of education. This event will be attended by approximately 40-50 school districts with more than 3000 teaching vacancies.

Career Courses - (Fall and Spring only)

Career Planning and Decision-Making (EDCP-108D). This one-credit course emphasizes the lifelong process of career planning. Assignments are chosen to facilitate self and career exploration, to teach effective decision-making skills for choosing a major, selecting career objectives, and planning for future careers. Job Search Strategies (EDCP-108J). This one-credit course is designed for juniors and seniors who need help beginning their careers and learning the skills of the job search process.

Employer-in-Residence

Schedule an appointment with a professional recruiter to discuss resumes, cover letters and interviewing concerns. You can practice interviewing with an actual recruiter. You can also see a videotape of yourself and receive feedback about your interviewing skills. Wear your interview suit and bring your resume. We strongly recommend that you attend an interviewing workshop prior to participating in a practice interview. Because space is limited, you must schedule your one hour time slot by calling the Career Center at 314-7225.

On-Campus Recruiting Program (OCRP)

This program is one job search strategy for students two recruiting semesters (Fall/Spring) prior to graduation. It provides opportunities for graduating students to interview with employers recruiting on campus. For an overview of this semester's campus interviewing opportunities, refer to the Placement Manual, OCRP Interview Updates and current information available in the Center. Specific registration procedures and program details are explained during the required OCRP orientation session.

Career Resource Center

The Career Resource Center (CRC) houses a multi-media collection of resources to help students and alumni learn about career planning and job search strategies. Holdings include printed, audiovisual, and computerized information. The range of topic areas includes self-assessment, career exploration and individual careers, graduate/professional schools, job hunting skills such as resume writing and interviewing, and directories of employers. The CRC also has an extensive collection of brochures and videos describing individual companies. DISCOVER, a computer based career planning instrument, and walk-in counseling are also available for students.

Hours

The Career Center is open Monday through Friday, 8:30 AM - 4:30 PM with extended hours in the Career Resource Center on Wednesdays until 8:00 PM. Please contact the Career Center at 314-7225 for information regarding the hours of walk-in counseling.

Resume Critiquing Guide

PRESENTATION

Sequencing of information - Have you ranked from most important to least?
Layout/Appearance - Is your resume visually appealing?
Length/Relevance - Is everything in your resume relevant to your career objective?
Writing Style - Did you use action verbs and appropriate examples?
Grammar, Spelling, Syntax - Have you double checked for these errors?

CONTENT

Heading - Are your name, address and phone number clear?
Career Objective - Does it identify your desired position(s) and interests? Without sounding too specific or too vague?
Education - Have you included special honors or awards; or mentioned an especially high GPA (3.0) or better?
Experience - Have you emphasized skills and included job responsibilities as well as job titles?

Do you want to know more? The Career Development Center is here to help!

SPECIAL OFFER - The first 10 people to call our office and say they saw this guide will receive a **Special Resume Critiquing Appointment.**

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Unnecessary Reasons For Interview Failure

- ☐ Poor grooming/personal appearance.
- ☐ Weak handshake, lack of eye contact.
- ☐ Lateness without reason or notice.
- ☐ Lack of common courtesy - "please," "thank you," failing to address people by name, interrupting.
- ☐ Overaggressive, smart aleck, smug, "know-it-all" attitudes.
- ☐ Lack of interest or enthusiasm - passivity.
- ☐ Poor communication skills, diction, grammar.
- ☐ Too much emphasis on money too soon.
- ☐ Excessive, obvious nervousness.
- ☐ Vagueness about career goals, the position, the company.
- ☐ Failing to ask questions.
- ☐ Not knowing when to stop talking.

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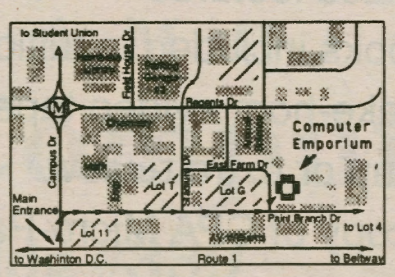

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CENTER FOR PROFESSIONAL DEVELOPMENT

Timeline for Applying to Graduate School

Spring & Summer of Junior Year

- ☐ Visit the Career Development Center to assess your interest, values, and skills; and link these with possible career options
- ☐ Determine which schools offer your desired degree and request applications
- ☐ Register for appropriate admissions test(s) such as the GRE, LSAT, MCAT, GMAT, etc.
- ☐ Take a prep course (if you'd like) for admission test(s)
- ☐ Rank order the schools that interest you and decide which ones you'll actually apply to
- ☐ Make a list of admission deadlines for the schools you've selected

Fall of Senior Year

- ☐ Compose your personal statement(s) that reflects your goals and their relationship to the specific program to which you are applying
- ☐ Complete your Curriculum Vitae or Resume and develop a cover letter
- ☐ Take standardized admissions test(s) and order scores sent to your chosen schools
- ☐ Carefully type out application forms and mail before deadlines

Winter Break

- ☐ Visit University Campuses:
- ☐ Interview professors and current graduate students
- ☐ Evaluate how well you like the surrounding,
- ☐ services, geographical area & the department focus
- ☐ Revise rankings you made, now that you know more about them
- ☐ Write follow-up/thank you letters reinforcing your interests and goals

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Most Frequently Asked Interview Questions

1. What are your future career plans? What would you like to be doing 5 years from now?
2. Why do you think you might like to work for our organization?
3. What jobs have you held? How were they obtained and why did you leave? What did you learn from these jobs?
4. Why did you choose your major?
5. What do you know about our organization (product or service)?
6. What is your overall GPA? What is you major GPA? Do your grades accurately reflect your ability?
7. What do you consider to be your greatest strengths? Can you name some weaknesses?
8. Why should we hire you rather than another candidate?
9. Define success. Failure. Have you ever had any failures?
10. Of which three accomplishments are you most proud?

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** FELLOWSHIP
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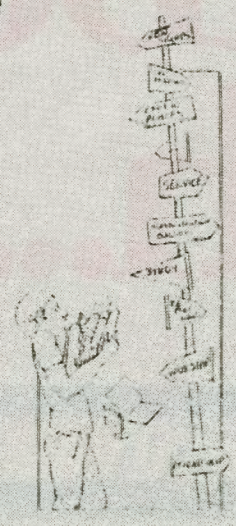

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Meet the folks . . .
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Memorial Chapel Room 2103
Telephone: 405-8448
Stop in and get acquainted.
Call if you need a hand.

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We invite you to join us in

Worship
— Sundays at 10:00 am in the West Chapel
— Tuesdays at 5:30 pm in the Lounge at St. Andrew's
— Wednesdays at Noon in the West Chapel

Fellowship
— Tuesdays Canterbury Meets (our student group) at St. Andrew's
— Dinner at 6:15 pm, Program at 7:00 pm
— Graduate Students and Faculty Gatherings. We hold two during each semester. Dates will be announced.

For further information please call 405-8453

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THE WESLEY FOUNDATION

The United Methodist Student Fellowship

University U.M. Church
3621 Campus Drive (Across from Lot 1)
Sunday Worship: 8:30 & 11:00
Sunday Evening Fellowship
Dinner: 6:00 Program 7:00
Rev. Kim K. Capps, Director
For info call: 422-1400

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1 You just might discover there's more to life than a mad rush of classes, exams, and papers enroute to commencement and an unemployment line.

2 You just might discover there's more to God than "Pie-in-the-Sky-by-and-by"

3 You just might discover you don't have to check your brain at the chapel door to be a person of faith.

4 You just might discover you like it!

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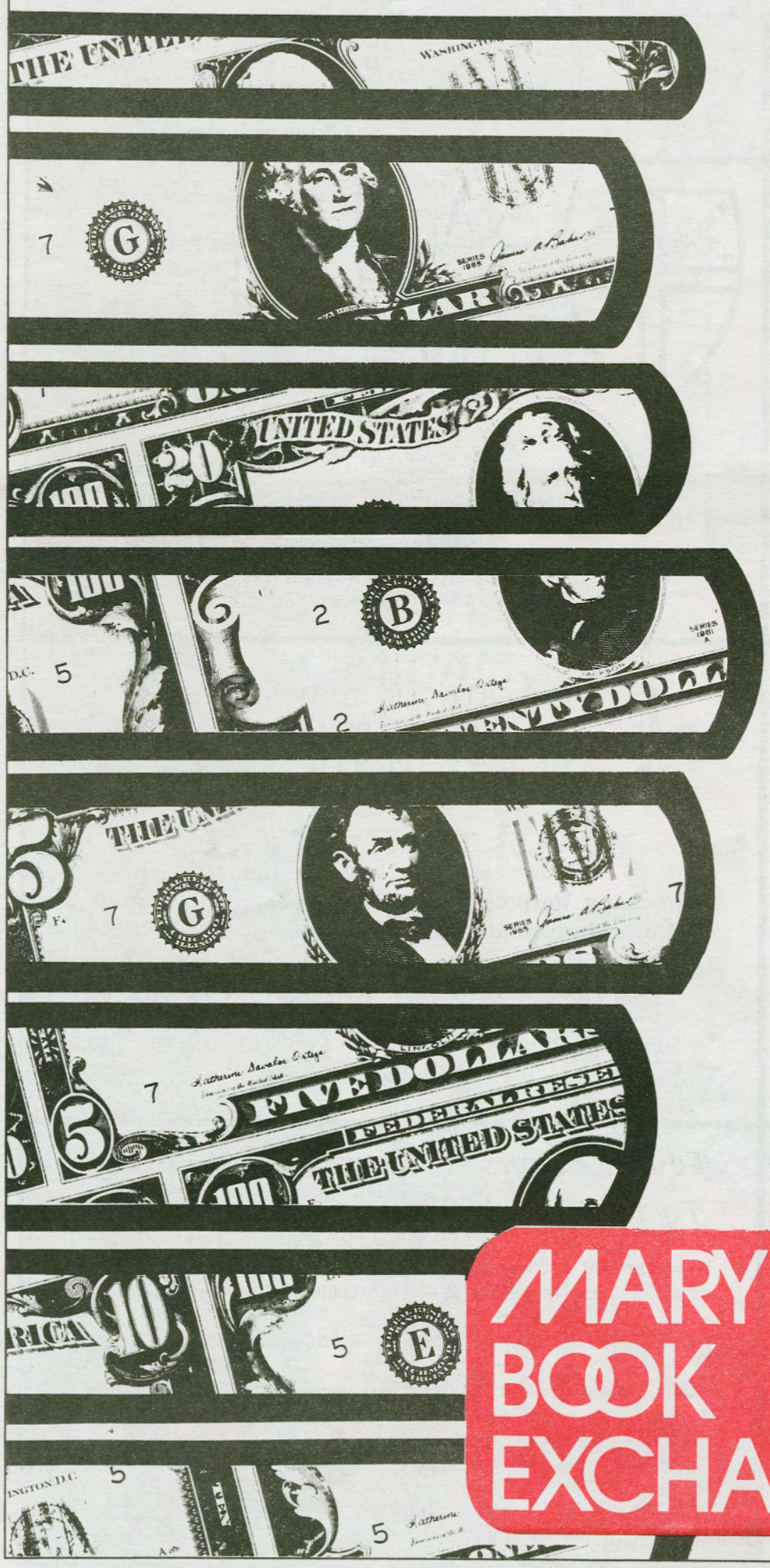

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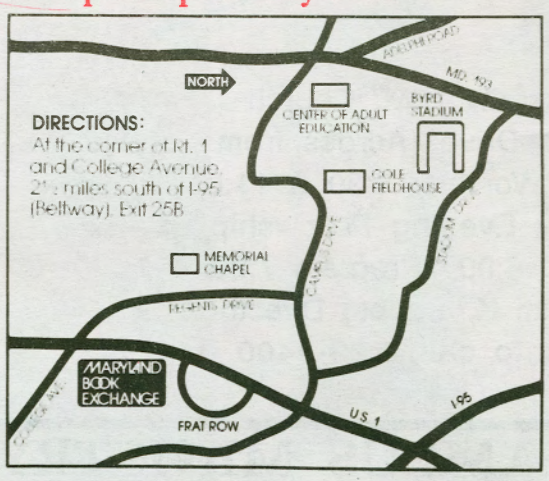

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